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File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)  
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File 348:EUROPEAN PATENTS 1978-2006/ 200619  
(c) 2006 European Patent Office

File 349:PCT FULLTEXT 1979-2006/UB=20060511,UT=20060504  
(c) 2006 WIPO/Univentio

File 350:Derwent WPIX 1963-2006/UD,UM &UP=200631  
(c) 2006 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209  
(c) 2002 INPI. All rts. reserv.

File 120:U.S. Copyrights 1978-2006/May 16  
(c) format only 2006 Dialog

File 426:LCMARC-Books 1968-2006/May W1  
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File 430:British Books in Print 2006/May W2  
(c) 2006 J. Whitaker & Sons Ltd.

File 483:Newspaper Abs Daily 1986-2006/May 15  
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File 2:INSPEC 1898-2006/May W1  
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File 35:Dissertation Abs Online 1861-2006/Apr  
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File 65:Inside Conferences 1993-2006/May 17  
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File 99:Wilson Appl. Sci & Tech Abs 1983-2006/Apr  
(c) 2006 The HW Wilson Co.

File 256:TecInfoSource 82-2006/Jun  
(c) 2006 Info.Sources Inc

File 474:New York Times Abs 1969-2006/May 16  
(c) 2006 The New York Times

File 475:Wall Street Journal Abs 1973-2006/May 16  
(c) 2006 The New York Times

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group

File 9:Business & Industry(R) Jul/1994-2006/May 08  
(c) 2006 The Gale Group

File 15:ABI/Inform(R) 1971-2006/May 17  
(c) 2006 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2006/May 17  
(c) 2006 The Gale Group

File 20:Dialog Global Reporter 1997-2006/May 17  
(c) 2006 Dialog

File 148:Gale Group Trade & Industry DB 1976-2006/May 17  
(c)2006 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2006/May 16  
(c) 2006 The Gale Group

File 476:Financial Times Fulltext 1982-2006/May 18  
(c) 2006 Financial Times Ltd

File 613:PR Newswire 1999-2006/May 17  
(c) 2006 PR Newswire Association Inc

File 621:Gale Group New Prod.Annou.(R) 1985-2006/May 17  
(c) 2006 The Gale Group

File 624:McGraw-Hill Publications 1985-2006/May 17  
(c) 2006 McGraw-Hill Co. Inc

File 636:Gale Group Newsletter DB(TM) 1987-2006/May 16  
(c) 2006 The Gale Group

File 634:San Jose Mercury Jun 1985-2006/May 16

*Inventor  
Search*

(c) 2006 San Jose Mercury News  
File 610:Business Wire 1999-2006/May 17  
(c) 2006 Business Wire.  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
File 47:Gale Group Magazine DB(TM) 1959-2006/May 17  
(c) 2006 The Gale group  
File 635:Business Dateline(R) 1985-2006/May 17  
(c) 2006 ProQuest Info&Learning  
File 570:Gale Group MARS(R) 1984-2006/May-16  
(c) 2006 The Gale Group  
File 13:BAMP 2006/May W1  
(c) 2006 The Gale Group  
File 56:Computer and Information Systems Abstracts 1966-2006/May  
(c) 2006 CSA.  
File 75:TGG Management Contents(R) 86-2006/May W1  
(c) 2006 The Gale Group

Set	Items	Description
S1	1	AU='LABADIE T S'
S2	0	AU='LABADIE TIMOTHY'
S3	2	AU='LABADIE, TIMOTHY'
S4	3	AU='FICARRA R P'
S5	0	AU='FICARRA ROBERT'
S6	10	AU='FICARRA, R.'
S7	0	AU='FICARRA, ROBERT'
S8	66	AU='GREEN P'
S9	7	AU='GREEN P H'
S10	2	AU='GREEN P.'
S11	16	AU='GREEN-PAUL'
S12	4	AU='GREEN PAUL H':AU='GREEN PAUL HENRY'
S13	8	AU='GREEN, P'
S14	373	AU='GREEN, P.'
S15	9	AU='GREEN, P. H.':AU='GREEN, P. H. R.'
S16	2	AU='GREEN, P.H.':AU='GREEN, P.H.R.'
S17	160	AU='GREEN, PAUL'
S18	9	AU='GREEN, PAUL H':AU='GREEN, PAUL HOZETE, JR., 1977-'
S19	43	AU='GREEN, PAUL, 1894-1981':AU='GREEN, PAUL, 1980-'
S20	124	AU=((LABADIE OR LA BADIE) (2N) (TIMOTHY OR TIM) OR FICARRA(2- N) (ROBERT OR ROB OR BOB) OR GREEN(2N) PAUL) OR BY=((LABADIE OR LA BADIE) (2N) (TIMOTHY OR TIM) OR FICARRA(2N) (ROBERT OR ROB OR BOB) OR GREEN(2N) PAUL)
S21	828	S1:S20
S22	121	S21 FROM 347,348,349,350,371
S23	2	IC=(G06F-017? OR G06Q-030? OR G06F-0017? OR G06Q-0030?)
S24	2	S22 AND S23
S25	13	CHECK??? OR CHEQUE? ? OR CYBERCHECK? OR CYBERCHEQUE? OR EC- HECK? ? OR ECHEQUE? ? OR WEBCHECK? OR WEBCHEQUE? OR DIGICHECK? OR DIGICHEQUE? OR (DEBIT OR CHECK OR CHEQUE) () CARD? ? OR DEB- ITCARD? ?-OR-CHECKCARD? ?-OR-CHEQUECARD? ?
S26	6	S22 AND S25
S27	7	S24 OR S26
S28	7	IDPAT (sorted in duplicate/non-duplicate order)
S29	7	IDPAT (primary/non-duplicate records only)
S30	707	S21 NOT S22
S31	7	S25 AND S30
S32	3	S31 NOT PY>1998
S33	3	S32 NOT PD=19980204:20060631

S34	3	RD (unique items)
S35	10	S29 OR S34

35/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2006 European Patent Office. All rts. reserv.

01743409

**Apparatus for and method of transferring data**  
**Verfahren und Gerat zur Ubertragung von Daten**  
**Methode et appareil de transfert de donnees**

PATENT ASSIGNEE:

Goodrich Control Systems Ltd, (4264880), 400 Capability Green, Luton,  
Bedfordshire LU1 3LU, (GB), (Applicant designated States: all)

INVENTOR:

**Green , Paul** Bernard, Gretton, Stratford Road Wooton Wawen, Solihull,  
Warwickshire B95 6AS, (GB)

LEGAL REPRESENTATIVE:

Beck, Simon Antony et al (79081), Withers & Rogers, Goldings House, 2  
Hays Lane, London SE1 2HW, (GB)

PATENT (CC, No, Kind, Date): EP 1426595 A2 040609 (Basic)

APPLICATION (CC, No, Date): EP 2003257384 031124;

PRIORITY (CC, No, Date): GB 228110 021202

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK

INTERNATIONAL PATENT CLASS (V7): F02D-041/26; G06F-011/16

ABSTRACT WORD COUNT: 52

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200424	648
SPEC A	(English)	200424	3405
Total word count - document A			4053
Total word count - document B			0
Total word count - documents A + B			4053

INVENTOR:

**Green , Paul** Bernard...

...ABSTRACT data flow controller comprises two buffers 20 and 22 and a control element 24 for **checking** for predefined temporal constraints between items of data and for only allowing items of data...

...SPECIFICATION the location in the buffer 20 that the data 32 should be stored in. A **check** sum 34 is provided in order to ensure that corruption has not occurred within the address field or data field of the transmitted data. Provided a **check** sum as calculated by the buffer 20 when it receives the address and data information 30 and 32, respectively, matches the **check** sum 34 then it can be assumed that no corruption has occurred and the data...

...be of practical benefit for large data buffers.

A further problem may arise if a **check** sum test is failed. It will  
~~then not be possible to determine whether the data~~

35/3,K/5 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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015079109      \*\*Image available\*\*  
WPI Acc No: 2003-139627/200313  
XRPX Acc No: N03-110937

**~~Online check management system for goods purchase, provides payments  
for authorized check and indemnifies for returned check based on  
specific condition~~**

Patent Assignee: GREEN P H (GREE-I); LABADIE T S (LABA-I); PENA G M  
(PENA-I); SIEMBIEDA J D (SIEM-I)

Inventor: **GREEN P H ; LABADIE T S** ; PENA G M; SIEMBIEDA J D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020174069	A1	20021121	US 9876665	P	19980303	200313 B
			US 99259619	A	19990301	
			US 2001273924	P	20010307	
			US 200290360	A	20020304	

Priority Applications (No Type Date): US 200290360 A 20020304; US 9876665 P  
19980303; US 99259619 A 19990301; US 2001273924 P 20010307

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020174069	A1		5	G06F-017/60	Provisional application US 9876665

~~CIP of application US 99259619~~  
Provisional application US 2001273924

**Online check management system for goods purchase, provides payments  
for authorized check and indemnifies for returned check based on  
specific condition**

Inventor: **GREEN P H** ...

... **LABADIE T S**

Abstract (Basic):

... The statistical information and the image of the **check**  
transmitted from a merchant are stored in the database of a service  
provider. The payments of the authorized **check** is provided to the  
merchant by an automatic clearing house (ACH) system of the service  
provider. In case of returned **check** , for a guarantee' customer, the  
merchant is indemnified, based on specific terms and conditions.

... For managing payment of **check** for purchasing of goods or goods  
or services through Internet...

...The figure shows an explanatory view of the online ~~check management~~  
system...

Title Terms: **CHECK** ;

International Patent Class (Main): **G06F-017/60**

35/AA,AN,AZ,TI/1 (Item 1 from file: 348)  
DIALOG(R)File 348:(c) 2006 European Patent Office. All rts. reserv.

01853252

**Fuel control for gas turbine engines**

**Kraftstoffsteuerung für Gasturbinen**

**Commande de carburant pour turbines a gaz**

APPLICATION (CC, No, Date): EP 2004254434 040723;

PRIORITY (CC, No, Date): GB 317394 030725

35/AA,AN,AZ,TI/2 (Item 2 from file: 348)  
DIALOG(R)File 348:(c) 2006 European Patent Office. All rts. reserv.

01743409

**Apparatus for and method of transferring data**

**Verfahren und Gerät zur Übertragung von Daten**

**Methode et appareil de transfert de données**

APPLICATION (CC, No, Date): EP 2003257384 031124;

PRIORITY (CC, No, Date): GB 228110 021202

35/AA,AN,AZ,TI/3 (Item 1 from file: 349)  
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

01069442

**METHOD AND APPARATUS FOR TESTING SLEEPINESS**

**PROCEDE ET APPAREIL PERMETTANT DE TESTER LA SOMNOLENCE**

Application: WO 2003AU618 20030523 (PCT/WO AU0300618)

35/AA,AN,AZ,TI/4 (Item 1 from file: 350)  
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

017351452

WPI Acc No: 2005-675094/

**Yield improvement method of manufactured product e.g. hard disk drive,  
involves analyzing identification data of component and processor to  
trace components of product and determine corrections and repairs  
required for processor**

Local Applications (No Type Date): US 2004802962 A 20040316; US 2004802962  
A 20040316; CN 20041102114 A 20041214

Priority Applications (No Type Date): US 2004802962 A 20040316

35/AA,AN,AZ,TI/5 (Item 2 from file: 350)  
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

015079109

WPI Acc No: 2003-139627/

**Online check management system for goods purchase, provides payments  
for authorized check and indemnifies for returned check based on  
specific condition**

Local Applications (No Type Date): US 9876665 P 19980303; US 99259619 A  
19990301; US 2001273924 P 20010307; US 200290360 A 20020304

Priority Applications (No Type Date): US 200290360 A 20020304; US 9876665 P  
19980303; US 99259619 A 19990301; US 2001273924 P 20010307

35/AA,AN,AZ,TI/6 (Item 3 from file: 350)  
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

012040451

WPI Acc No: 1998-457361/

Transmission protocol method for issuing radio alarms - involves  
transmitting alarm information in spaced apart packets and applying  
parity checks on an array basis for columns and rows

Local Applications (No Type Date): WO 98SE250 A 19980212; SE 97471 A  
19970212; AU 9862343 A 19980212

Priority Applications (No Type Date): SE 97471 A 19970212

35/AA,AN,AZ,TI/7 (Item 4 from file: 350)  
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

011085732

WPI Acc No: 1997-063656/

~~Alarm system using telecommunication network -- has alarm transmitters and~~  
receivers, each of which contains clock, with transmitter clock  
implemented in software

Local Applications (No Type Date): SE 951599 A 19950428

Priority Applications (No Type Date): SE 951599 A 19950428

35/AA,AN,AZ,TI/8 (Item 1 from file: 120)  
DIALOG(R)File 120:(c) format only 2006 Dialog. All rts. reserv.

12340406

checks at the end of the 20th century and beyond

35/AA,AN,AZ,TI/9 (Item 1 from file: 634)  
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03517983

GRAMM-RUDMAN DEFICIT LAW CUTS A WIDE SWATH IN FEDERAL PROGRAMS

35/AA,AN,AZ,TI/10 (Item 2 from file: 634)  
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03517506

GRAMM-RUDMAN CUTS SAFETY TESTS, TRAINS, GRANTS . . .



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File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)

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File 350:Derwent WPIX 1963-2006/UD,UM &UP=200631

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File 371:French Patents 1961-2002/BOPI 200209

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Set	Items	Description
S1	476276	PAYMENT? ? OR PAY??? OR COLLECTION? ? OR REMIT? ? OR REMIT- T? OR DISBURS? OR REMUNERATION? ? OR RENUMERATION? ? OR WRIT?- ??
S2	277083	CHECK??? OR CHEQUE? ? OR CYBERCHECK? OR CYBERCHEQUE? OR EC- HECK? ? OR ECHEQUE? ? OR WEBCHECK? OR WEBCHEQUE? OR DIGICHECK? OR DIGICHEQUE? OR (DEBIT OR CHECK OR CHEQUE) ( ) CARD? ? OR DEB- ITCARD? ? OR CHECKCARD? ? OR CHEQUECARD? ?
S3	708700	CYBER OR CYBERSPACE OR VIRTUAL OR INTERNET OR WEB OR WORLD- WIDE??? OR WIDEBWEB OR HOME() (PAGE? ? OR SITE? ?) OR WEBPAGE? ? OR HOMEPAGE? ? OR WEBSITE? ? OR NETWORK OR ONLINE OR ON() LINE
S4	6662	(UNIQUE OR CUSTOMER? ? OR SOCIAL() SECURITY OR RESERVED OR - ASSIGN?? OR DISTINGUISHING OR PECULIAR?) ( ) (IDENTIFIER? ? OR I- DENTIFICATION OR NUMBER? ?) OR DRIVER? ? ( ) LICENSE? ? OR SSN
S5	37930	(PHONE OR TELEPHONE OR HOMEPHONE OR WORKPHONE) ( ) NUMBER? ? - OR PHONENUMBER? ?
S6	2912	(BANK OR BANQUE OR ACCOUNT OR TRANSIT OR ROUTING) ( ) (NUMBER? ? OR CODE? ?)
S7	86	S3 (10N) (S1 (3N) S2)
S8	9	S4 (10N) S5 (10N) S6
S9	0	S7 (S) S8
S10	11	S4 AND S5 AND S6
S11	0	S7 AND S10
S12	0	S2 AND S3 AND S4 AND S5 AND S6
S13	2	S7 (10N) (S4 OR S5 OR S6)
S14	9	S7 AND (S4 OR S5 OR S6)
S15	816	S2 AND S3 AND (S4 OR S5 OR S6)
S16	367684	IC=(G06F-017? OR G06Q-030? OR G06F-0017? OR G06Q-0030?)
S17	278	S15 AND S16
S18	2	S2 AND S10
S19	65	(S2 (10N) S3) (10N) (S4 OR S5 OR S6)
S20	24	S16 AND S19
S21	31	S14 OR S18 OR S20
S22	31	IDPAT (sorted in duplicate/non-duplicate order)
S23	31	IDPAT (primary/non-duplicate records only)

23/3,K/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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016881435

WPI Acc No: 2005-205719/200522

Related WPI Acc No: 1997-199012

XRPX Acc No: N05-169521

Online **electronic check payment method involves authenticating electronic signatures of issuer and drawer, contained in check, so as to pay money value specified in check to recipient by check issuer's computer**

Patent Assignee: FUJITSU LTD (FUIT )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2005056440	A	20050303	JP 95210558	A	19950818	200522 B
			JP 2004309866	A	20041025	

Priority Applications (No Type Date): JP 95210558 A 19950818; JP 2004309866 A 20041025

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2005056440	A		21	G06F-017/60	Div ex application JP 95210558

Online **electronic check payment method involves authenticating electronic signatures of issuer and drawer, contained in check, so as to**

...

Abstract (Basic):

... For **paying electronic check using network** .

...Since **account number** , credit card number and creditability data are not transmitted, leakage of personal information can be prevented. The **online check payment** is performed by an inexpensive procedure, since this method can be utilized by users who

23/3,K/3 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2006 Thomson Derwent. All rts. reserv.

016091582 \*\*Image available\*\*

WPI Acc No: 2004-249458/200424

XRPX Acc No: N04-197809

**Settlement processor for debts issued by shops, compares customer identification data with customer-specific data and sums up items purchased by customer and calculates purchase amount, accordingly**

Patent Assignee: INCREMENT P CORP (INCR-N); PIONEER CORP (PIOE )  
INCREMENT P KK (INCR-N); PIONEER ELECTRONIC CORP (PIOE )

Inventor: AMANO K; NOZAKI T

Number of Countries: 033 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1400911	A2	20040324	EP 2003255701	A	20030911	200424 B
US 20040059671	A1	20040325	US 2003660744	A	20030912	200424
JP 2004102874	A	20040402	JP 2002266525	A	20020912	200424

Priority Applications (No Type Date): JP 2002266525 A 20020912

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1400911 A2 E 35 G06F-019/00

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB

GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

US 20040059671 A1 G06F-017/60

JP 2004102874 A 35 G06F-017/60

Abstract (Basic):

... A cellular phone (3) transmits **customer identification** (ID) data stored in memory, through **internet** (21) to a **check out terminal** (4). The terminal compares ID data with customer-specific data and accordingly sums...

International Patent Class (Main): **G06F-017/60** ...

**23/3,K/4 (Item 4 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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015982843 \*\*Image available\*\*

WPI Acc No: 2004-140693/200414

**System and method for settlement using telephone number**

Patent Assignee: ONSE TELECOM CORP (ONSE-N)

Inventor: KIM J D; LEE J G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2003080349	A	20031017	KR 200218931	A	20020408	200414 B

Priority Applications (No Type Date): KR 200218931 A 20020408

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

KR 2003080349 A 1 G06F-017/60

Abstract (Basic):

... number, the certification number, and the order information transmitted from a call center and an **Internet** site server in an internal certification database, and **checks** the settlement **telephone number** by a blacklist and the settlement limit information. A voice processor(603) informs an order...

International Patent Class (Main): **G06F-017/60**

**23/3,K/6 (Item 6 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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015625521 \*\*Image available\*\*

WPI Acc No: 2003-687692/200365

XRPX Acc No: N03-549321

**Debit card system for implementing award incentive program, has filter processor for generating validating data when transaction is initiated by authorized merchant using account number and merchant data of participant**

Patent Assignee: US GOVERNMENT (USGO )

Inventor: ASHBY T L; CARRITHERS D C; HUFF L; JACKSON M; MCGUIRE K K; RAPP S G; RESCH K A; STONE G L; STOREY-WALLER J A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030088462	A1	20030508	US 99399597	A	19990920	200365 B

Priority Applications (No Type Date): US 99399597 A 19990920

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030088462	A1		18	G06F-017/60	

Abstract (Basic):

... The system has a filter processor (116) interfacing with **debit card network** to access participant **account number** and authorized merchant data that forms program data. The filter transmits program data and transaction...

International Patent Class (Main): **G06F-017/60**

**23/3,K/18 (Item 18 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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014301663

WPI Acc No: 2002-122367/200216

Related WPI Acc No: 2001-626012; 2002-097365; 2002-216835; 2002-394285;

2002-713725; 2003-028711; 2003-608350; 2003-660901

XRPX Acc No: N02-091788

**Conducting secure payments over computer network without pseudo or proxy account number by using message authentication code and check site**

Patent Assignee: MASTERCARD INT INC (MAST-N)

Inventor: CAMPBELL C M; HOGAN E J

Number of Countries: 096 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200199071	A2	20011227	WO 2001US19754	A	20010621	200216 B
AU 200170012	A	20020102	AU 200170012	A	20010621	200230
EP 1295267	A2	20030326	EP 2001948539	A	20010621	200323
			WO 2001US19754	A	20010621	
JP 2003536181	W	20031202	WO 2001US19754	A	20010621	200382
			JP 2002503838	A	20010621	
ZA 200300114	A	20040428	ZA 2003114	A	20030106	200432

Priority Applications (No Type Date): US 2001833049 A 20010411; US

2000213325 P 20000622; US 2000225168 P 20000814; US 2001809367 A 20010315

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200199071	A2	E	29	G07F-019/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GR IE IT IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200170012	A				Based on patent WO 200199071
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EP 1295267	A2	E		G07F-019/00	Based on patent WO 200199071
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

JP 2003536181	W		38	G06F-017/60	Based on patent WO 200199071
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ZA 200300114	A		47	G07F-000/00	
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**Conducting secure payments over computer network without pseudo or proxy account number by using message authentication code and check site**

Abstract (Basic):

... Involves generating a secret key associated with the payment **account number**. The secret key is used to generate a message authentication code (MAC) specific to the...  
... To conduct an electronic transaction with a payment **account number** using a **payment network** and a **check site**...  
...Does not require use of pseudo or proxy **account numbers**.

International Patent Class (Main): **G06F-017/60** ...

**23/3,K/19 (Item 19 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

014256673 **\*\*Image available\*\***

WPI Acc No: 2002-077371/200211

XRPX Acc No: N02-057156

**Online payment method for Internet, involves verifying and checking account number, personal identification number and cash balance in buyer's account, with data prestored in server database**

Patent Assignee: DIGITAL YINTONG INT CO LTD (DIGI-N); CASHTHROUGH.COM INT LTD (CASH-N)

Inventor: CHAN H L S; KONG T

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2360866	A	20011003	GB 20007496	A	20000328	200211 B
CN 1315711	A	20011003	CN 2000122479	A	20000803	200211

Priority Applications (No Type Date): GB 20007496 A 20000328

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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GB 2360866	A		22	G07F-007/10	
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CN 1315711	A			G06F-017/60	
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**Online payment method for Internet, involves verifying and checking account number, personal identification number and cash balance in buyer's account, with data prestored in server...**

International Patent Class (Main): **G06F-017/60** ...

International Patent Class (Additional): **G06F-017/30** ...

**23/3,K/23 (Item 23 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

013604347 **\*\*Image available\*\***

WPI Acc No: 2001-088554/200110

XRPX Acc.No: N01-425504

**Cyber cheque issuing method through computer networks, involves issuing cheque marked with unique number, business identifier and transferring issued cheque information to storage space of payee**

Patent Assignee: CYBER SETTLEMENT CO LTD (CYBE-N); SUH M H (SUHM-I);

SUHMOON H (SUHM-I)  
Inventor: SUHMOON H; SUH M H  
Number of Countries: 005 Number of Patents: 006  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2000024490	A	20000506	KR 20007300	A	20000216	200110 B
US 20010014879	A1	20010816	US 2001783961	A	20010216	200165
FR 2806817	A1	20010928	FR 20012064	A	20010215	200166
JP 2001273452	A	20011005	JP 200140764	A	20010216	200173
CN 1309367	A	20010822	CN 2001104041	A	20010216	200175
KR 297976	B	20011103	KR 20007300	A	20000216	200240

Priority Applications (No Type Date): KR 20007300 A 20000216

Patent Details:

Patent No	Kind	Lan	Pg	.Main	IPC	Filing Notes
KR 2000024490	A				G06F-017/60	
US 20010014879	A1		24		G06F-017/60	
FR 2806817	A1				G06F-017/60	
JP 2001273452	A		18		G06F-017/60	
CN 1309367	A				G06F-015/173	
KR 297976	B				G06F-017/60	Previous Publ. patent KR 2000024490

**Cyber cheque issuing method through computer networks, involves issuing cheque marked with unique number, business identifier and transferring issued cheque information to storage space of payee**

Abstract (Basic):

... user are stored in database managed by a server. When the request for issuing a **cyber** cheque is received from a user, a **cyber cheque** marked with **unique number**, business identifier and amount of money is issued. The cheque information is transferred from storage

... For issuing **cyber cheques**, **cyber** notes, **cyber** payment certificates through computer **network**, **internet** televisions, mobile telephones such as personal cellular service (PCS) or cellular phones, personal digital assistant...

...International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): **G06F-017/30**

**23/3,K/29** (Item 29 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2006 JPO & JAPIO. All rts. reserv.

08256504 \*\*Image available\*\*

METHOD OF PAYMENT FROM ACCOUNT BY CUSTOMER HAVING MOBILE USER TERMINAL, AND CUSTOMER AUTHENTICATION NETWORK

PUB. NO.: 2005-004764 [JP 2005004764 A]  
PUBLISHED: January 06, 2005 (20050106)  
INVENTOR(s): KHAN MOHAMMAD ATHER  
SAMUEL ISAAC  
APPLICANT(s): LUCENT TECHNOL INC  
APPL. NO.: 2004-171053 [JP 2004171053]  
FILED: June 09, 2004 (20040609)  
PRIORITY: 03 457139 [US 2003457139], US (United States of America),  
June 09, 2003 (20030609)

INTL CLASS: **G06F-017/60** ; G06F-015/00; G09C-001/00; H04L-009/32

#### ABSTRACT

... A phone number of the customer's mobile user terminal is provided to an authentication **network** . Using the **phone number** , the authentication **network** **checks** a database for associating **phone numbers** with account indicators and relative customer ID indicators, and obtains an account indicator and a...

**23/AN,AZ,TI/1 (Item 1 from file: 350)**  
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

017375300

**System for receiving public imposts using virtual account number of each payer**

Local Applications (No Type Date): KR 200369629 A 20031007  
Priority Applications (No Type Date): KR 200369629 A 20031007

**23/AN,AZ,TI/2 (Item 2 from file: 350)**  
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

016881435

**Online electronic check payment method involves authenticating electronic signatures of issuer and drawer, contained in check, so as to pay money value specified in check to recipient by check issuer's computer**

Local Applications (No Type Date): JP 95210558 A 19950818; JP 2004309866 A 20041025  
Priority Applications (No Type Date): JP 95210558 A 19950818; JP 2004309866 A 20041025

**23/AN,AZ,TI/3 (Item 3 from file: 350)**  
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

016091582

**Settlement processor for debts issued by shops, compares customer identification data with customer-specific data and sums up items purchased by customer and calculates purchase amount, accordingly**

Local Applications (No Type Date): EP 2003255701 A 20030911; US 2003660744 A 20030912; JP 2002266525 A 20020912  
Priority Applications (No Type Date): JP 2002266525 A 20020912

**23/AN,AZ,TI/4 (Item 4 from file: 350)**  
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

015982843

**System and method for settlement using telephone number**

Local Applications (No Type Date): KR 200218931 A 20020408  
Priority Applications (No Type Date): KR 200218931 A 20020408

**23/AN,AZ,TI/5 (Item 5 from file: 350)**  
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

015680003

**Method for joining as Internet member using mobile telephone number**

Local Applications (No Type Date): KR 200178207 A 20011211  
Priority Applications (No Type Date): KR 200178207 A 20011211

**23/AN,AZ,TI/6 (Item 6 from file: 350)**  
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

015625521



Debit card system for implementing award incentive program, has filter processor for generating validating data when transaction is initiated by authorized merchant using account number and merchant data of participant

Local Applications (No Type Date): US 99399597 A 19990920  
Priority Applications (No Type Date): US 99399597 A 19990920

**23/AN,AZ,TI/7 (Item 7 from file: 350)**

DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

015353519

**Method for offering credit payment service at internet server**

Local Applications (No Type Date): KR 200146997 A 20010803  
Priority Applications (No Type Date): KR 200146997 A 20010803

**23/AN,AZ,TI/8 (Item 8 from file: 350)**

DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

015338847

**Payment system and method making the system unnecessary inputting personal data and using mobile terminal**

Local Applications (No Type Date): KR 200141179 A 20010710  
Priority Applications (No Type Date): KR 200141179 A 20010710

**23/AN,AZ,TI/9 (Item 9 from file: 350)**

DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

015308442

**Method for searching for goods information over wireless communication network by using goods model name**

Local Applications (No Type Date): KR 200141026 A 20010709  
Priority Applications (No Type Date): KR 200141026 A 20010709

**23/AN,AZ,TI/10 (Item 10 from file: 350)**

DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

015295000

**Network bank pay system using telephone's incoming display as dynamic encrypting code**

Local Applications (No Type Date): CN 2001119849 A 20010702  
Priority Applications (No Type Date): CN 2001119849 A 20010702

**23/AN,AZ,TI/11 (Item 11 from file: 350)**

DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

015103790

**System and method for making payment by using bank account of payment postponement**

Local Applications (No Type Date): KR 200111097 A 20010305  
Priority Applications (No Type Date): KR 200111097 A 20010305

**23/AN,AZ,TI/12 (Item 12 from file: 350)**

DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

015059075

**Service offering system using Internet , checks identifier which is read from package media against recorded unique identifier managed in database**

Local Applications (No Type Date): US 200127194 A 20011220; JP 2000393286 A 20001221

Priority Applications (No Type Date): JP 2000393286 A 20001221

**23/AN,AZ,TI/13 (Item 13 from file: 350)**

DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

014867341

**System and method for automatically checking on-line deposit using internet**

Local Applications (No Type Date): KR 200065056 A 20001102

Priority Applications (No Type Date): KR 200065056 A 20001102

**23/AN,AZ,TI/14 (Item 14 from file: 350)**

DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

014762434

**Internet based identification cards issuance system e.g. for credit card, has controller connected to card issuance machines for controlling them to service requests for production of identification cards**

Local Applications (No Type Date): US 2000748510 A 20001226

Priority Applications (No Type Date): US 2000748510 A 20001226

**23/AN,AZ,TI/15 (Item 15 from file: 350)**

DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

014643389

**Web site connecting method and system**

Local Applications (No Type Date): CN 2000123682 A 20000828

Priority Applications (No Type Date): CN 2000123682 A 20000828

**23/AN,AZ,TI/16 (Item 16 from file: 350)**

DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

014521777

**Automatic telephone number identification method in network applications, involves checking individual text character in electronic text, to find start and end of telephone number**

Local Applications (No Type Date): EP 2001123598 A 20011001; US 2000237329

P 20001002; US 2001951095 A 20010913

Priority Applications (No Type Date): US 2001951095 A 20010913; US 2000237329 P 20001002

**23/AN,AZ,TI/17 (Item 17 from file: 350)**

DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

014420135

**Method of performing Internet survey by using graphic interface on website to collect responses to questions**

Local Applications (No Type Date): WO 2001US17070 A 20010525; AU 200165004 A 20010525; US 2000207712 P 20000526; US 2001865956 A 20010525; EP 2001939493 A 20010525; WO 2001US17070 A 20010525; NZ 517139 A 20010525; WO 2001US17070 A 20010525  
Priority Applications (No Type Date): US 2000207712 P 20000526; US 2001865956 A 20010525

**23/AN,AZ,TI/18 (Item 18 from file: 350)**

DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

014301663

**Conducting secure payments over computer network without pseudo or proxy account number by using message authentication code and check site**

Local Applications (No Type Date): WO 2001US19754 A 20010621; AU 200170012 A 20010621; EP 2001948539 A 20010621; WO 2001US19754 A 20010621; WO 2001US19754 A 20010621; JP 2002503838 A 20010621; ZA 2003114 A 20030106  
Priority Applications (No Type Date): US 2001833049 A 20010411; US 2000213325 P 20000622; US 2000225168 P 20000814; US 2001809367 A 20010315

**23/AN,AZ,TI/19 (Item 19 from file: 350)**

DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

014256673

**Online payment method for Internet , involves verifying and checking account number , personal identification number and cash balance in buyer's account, with data prestored in server database**

Local Applications (No Type Date): GB 20007496 A 20000328; CN 2000122479 A 20000803  
Priority Applications (No Type Date): GB 20007496 A 20000328

**23/AN,AZ,TI/20 (Item 20 from file: 350)**

DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

014092138

**Web service method using one click auto-dialing**

Local Applications (No Type Date): KR 20011960 A 20010111  
Priority Applications (No Type Date): KR 20011960 A 20010111

**23/AN,AZ,TI/21 (Item 21 from file: 350)**

DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

014092049

**System and method for authenticating payment using messenger**

Local Applications (No Type Date): KR 200074276 A 20001207  
Priority Applications (No Type Date): KR 200074276 A 20001207

**23/AN,AZ,TI/22 (Item 22 from file: 350)**

DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

013978805

**System and method for paying bill based on function of identifying transmitter's telephone number using telephone information service**  
Local Applications (No Type Date): KR 200065077 A 20001102  
Priority Applications (No Type Date): KR 200065077 A 20001102

**23/AN,AZ,TI/23 (Item 23 from file: 350)**  
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

013604347  
**Cyber cheque issuing method through computer networks, involves issuing cheque marked with unique number, business identifier and transferring issued cheque information to storage space of payee**  
Local Applications (No Type Date): KR 20007300 A 20000216; US 2001783961 A 20010216; FR 20012064 A 20010215; JP 200140764 A 20010216; CN 2001104041 A 20010216; KR 20007300 A 20000216  
Priority Applications (No Type Date): KR 20007300 A 20000216

**23/AN,AZ,TI/24 (Item 24 from file: 350)**  
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

013501083  
**Plain code and cipher code reference, telephone, computer interconnection network anti-false inquiry tag**  
Local Applications (No Type Date): CN 99100641 A 19990210  
Priority Applications (No Type Date): CN 99100641 A 19990210

**23/AN,AZ,TI/25 (Item 25 from file: 350)**  
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

013492073  
**Customer identification method for customer frequency analysis and reward system, selects customer ID technique that does not require new customer ID number to record customer transactions in local data base**  
Local Applications (No Type Date): US 9752836 A 19970717; US 98116654 A 19980716  
Priority Applications (No Type Date): US 9752836 P 19970717; US 98116654 A 19980716

**23/AN,AZ,TI/26 (Item 26 from file: 350)**  
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

013376726  
**Automatic speech recognition method involves selecting a string in the list of hypothesized digit strings, when it satisfies constraint**  
Local Applications (No Type Date): WO 99US31311 A 19991229; AU 200024017 A 19991229; EP 99967801 A 19991229; WO 99US31311 A 19991229; CN 99805475 A 19991229; KR 2000709585 A 20000829; WO 99US31311 A 19991229; JP 2000591610 A 19991229; US 98222073 A 19981229; US 98222073 A 19981229; CN 99805475 A 19991229  
Priority Applications (No Type Date): US 98222073 A 19981229

**23/AN,AZ,TI/27 (Item 27 from file: 350)**  
DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

013371332

**Musical products purchasing system in internet , checks validity of unique identifier number of online customer before allowing him to browse available purchase items displayed in monitor**

Local Applications (No Type Date): WO 2000US1832 A 20000124; AU 200026290 A 20000124; US 99116778 P 19990122; US 99116779 P 19990122; US 99116780 P 19990122; US 99116910 P 19990122; US 99116917 P 19990122; US 99116918 P 19990122; US 2000487373 A 20000118; EP 2000904551 A 20000124; WO 2000US1832 A 20000124; JP 2000595258 A 20000124; WO 2000US1832 A 20000124  
Priority Applications (No Type Date): US 2000487373 A 20000118; US 99116778 P 19990122; US 99116779 P 19990122; US 99116780 P 19990122; US 99116910 P 19990122; US 99116917 P 19990122; US 99116918 P 19990122; US 2000487372 A 20000118

**23/AN,AZ,TI/28 (Item 28 from file: 350)**

DIALOG(R)File 350:(c) 2006 Thomson Derwent. All rts. reserv.

013318601

**Network logging method for Internet server, involves transmitting password to user, to gain access to service offered by network server, when subscriber number stated by user corresponds to postal code**

Local Applications (No Type Date): WO 99NL744 A 19991203; NL 981010720 A 19981204; AU 200016969 A 19991203; EP 99960022 A 19991203; WO 99NL744 A 19991203; EP 99960022 A 19991203; WO 99NL744 A 19991203; DE 607949 A 19991203; EP 99960022 A 19991203; WO 99NL744 A 19991203; EP 99960022 A 19991203  
Priority Applications (No Type Date): NL 981010721 A 19981204; NL 981010720 A 19981204

**23/AN,AZ,TI/29 (Item 29 from file: 347)**

DIALOG(R)File 347:(c) 2006 JPO & JAPIO. All rts. reserv.

08256504

**METHOD OF PAYMENT FROM ACCOUNT BY CUSTOMER HAVING MOBILE USER TERMINAL, AND CUSTOMER AUTHENTICATION NETWORK**

APPL. NO.: 2004-171053 [JP 2004171053]  
PRIORITY: 03 457139 [US 2003457139], US (United States of America),  
June 09, 2003 (20030609)

**23/AN,AZ,TI/30 (Item 30 from file: 347)**

DIALOG(R)File 347:(c) 2006 JPO & JAPIO. All rts. reserv.

08114794

**LOCATION INFORMATION RETRIEVAL MODEL**

APPL. NO.: 2003-057832 [JP 200357832]

**23/AN,AZ,TI/31 (Item 31 from file: 347)**

DIALOG(R)File 347:(c) 2006 JPO & JAPIO. All rts. reserv.

07815418

**TELEPHONE NUMBER DATABASE OF MOBILE PHONE, CONSTRUCTING METHOD THEREOF, AND USING METHOD OF CONSTRUCTED TELEPHONE NUMBER DATABASE**

APPL. NO.: 2002-111291 [JP 2002111291]

? show files;ds

File 348:EUROPEAN PATENTS 1978-2006/ 200619

(c) 2006 European Patent Office

File 349:PCT FULLTEXT 1979-2006/UB=20060511,UT=20060504

(c) 2006 WIPO/Univentio

*full text  
patent files*

Set	Items	Description
S1	368286	PAYMENT? ? OR PAY??? OR COLLECTION? ? OR REMIT? ? OR REMIT- T? OR DISBURS? OR REMUNERATION? ? OR RENUMERATION? ? OR WRIT?- ??
S2	248547	CHECK??? OR CHEQUE? ? OR CYBERCHECK? OR CYBERCHEQUE? OR EC- HECK? ? OR ECHEQUE? ? OR WEBCHECK? OR WEBCHEQUE? OR DIGICHECK? OR DIGICHEQUE? OR (DEBIT OR CHECK OR CHEQUE)()CARD? ? OR DEB- ITCARD? ? OR CHECKCARD? ? OR CHEQUECARD? ?
S3	453572	CYBER OR CYBERSPACE OR VIRTUAL OR INTERNET OR WEB OR WORLD- WIDE??? OR WIDWEB OR HOME() (PAGE? ? OR SITE? ?) OR WEBPAGE? ? OR HOMEPAGE? ? OR WEBSITE? ? OR NETWORK OR ONLINE OR ON()LINE
S4	27172	(UNIQUE OR CUSTOMER? ? OR SOCIAL()SECURITY OR RESERVED OR - ASSIGN?? OR DISTINGUISHING OR PECULIAR?)() (IDENTIFIER? ? OR I- DENTIFICATION OR NUMBER? ?) OR DRIVER? ?()LICENSE? ? OR SSN
S5	28489	(PHONE OR TELEPHONE OR HOMEPHONE OR WORKPHONE)()NUMBER? ? - OR PHONENUMBER? ?
S6	7802	(BANK OR BANQUE OR ACCOUNT OR TRANSIT OR ROUTING)() (NUMBER? ? OR CODE? ?)
S7	401	S3(10N) (S1(3N)S2)
S8	120	S4(10N)S5(10N)S6
S9	0	S7(S)S8
S10	1247	S3(20N) (S1(7N)S2)
S11	168	S4(20N)S5(20N)S6
S12	1	S10(S)S11
S13	12	S2(S)S3(S)S11
S14	44	S2(S)S3(S)S4(S)S5(S)S6
S15	58614	IC=(G06F-017? OR G06Q-030? OR G06F-0017? OR G06Q-0030?)
S16	21	S14 AND S15
S17	27	S13 OR S16
S18	27	IDPAT (sorted in duplicate/non-duplicate order)
S19	27	IDPAT (primary/non-duplicate records only)

19/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01030324

**MOBILE ELECTRONIC COMMERCE SYSTEM**  
**MOBILES ELEKTRONISCHES HANDELSSYSTEM**  
**SYSTEME DE COMMERCE ELECTRONIQUE MOBILE**

**PATENT ASSIGNEE:**

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD, (216884), 1006, Oaza-Kadoma,  
Kadoma-shi, Osaka 571-0000, (JP), (Applicant designated States: all)

**INVENTOR:**

TAKAYAMA, Hisashi, 5-6-12-104, Matsubara, Setagaya-ku, Tokyo 156-0043,  
(JP)

**LEGAL REPRESENTATIVE:**

Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721)  
, Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 950968 A1 991020 (Basic)  
WO 9909502 990225

APPLICATION (CC, No, Date): EP 98937807 980813; WO 98JP3608 980813

PRIORITY (CC, No, Date): JP 97230564 970813

DESIGNATED STATES: DE; FR; GB

RELATED DIVISIONAL NUMBER(S) - PN (AN):  
(EP 2004015278)

INTERNATIONAL PATENT CLASS (V7): **G06F-017/60**

ABSTRACT WORD COUNT: 150

**NOTE:**

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9942	17239
SPEC A	(English)	9942	160346
Total word count - document A			177585
Total word count - document B			0
Total word count - documents A + B			177585

INTERNATIONAL PATENT CLASS (V7): **G06F-017/60**

...SPECIFICATION service will now be described.

The electronic credit card service includes two settlement processes: a **network** credit settlement process, for a credit clearance for the price of a product for the...

...credit settlement process for a credit clearance at a common retail shop, etc. Since the **network** credit settlement processing has been described for the purpose of a ticket purchase, for a...In the data updating process, the access times are compared and a local address is **assigned** for the electronic ticket, the electronic payment card and the electronic telephone card having the...

19/3,K/4 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01355520

**METHOD AND SYSTEM OF AUTHENTICATION ON AN OPEN NETWORK**

Caryn S. Wesner-Early EIC 3600 17-May-06

page 1



**PROCEDE ET SYSTEME D'AUTHENTIFICATION SUR UN RESEAU OUVERT**

Patent Applicant/Assignee:

SOLIDUS NETWORKS INC DBAPAY BY TOUCH, 101 Second Street, Suite 1500, San Francisco, CA 94125, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

ZIEGLER Robert, 450 Southlake Park Road, Southlake, TX 76092, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HOWISON & ARNOTT LLP (agent), P.O. Box 741715, Dallas, TX 75374-1715, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200639365 A2 20060413 (WO 0639365)

Application: WO 2005US34923 20051001 (PCT/WO US2005034923)

Priority Application: US 2004615530 20041001

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ  
LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL  
PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 18277

Fulltext Availability:

Detailed Description

Detailed Description

... organizations like Liberty Alliance.

[0156] Embodiments of the present invention enable transactions over non-secure **network** when the user presents any one of these user credentials, (a) PIN, (b) **Debit Card** and PIN, (c) biometric, (d) biometric and PIN, (e) biometric and **Debit Card** and PIN, (f) PIN and search

5 3

code (e.g. **account number**, **phone number**, **drivers license**), (g) search code, (h) biometric and search code. In other words a transaction over a non-secure **network** can be performed using any permutation or mutation or combination of a PIN, **DEBIT Card** (ATM card, credit card, gift card, ECT.), biometric, or search code.

[01571 When authentication of...

19/3,K/9 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2006 WIPO/Univentio. All rts. reserv.

00975313 \*\*Image available\*\*

**SECURE AUTHENTICATION AND PAYMENT SYSTEM**

**SYSTEME D'AUTHENTIFICATION ET DE PAIEMENT SECURISE**

Patent Applicant/Inventor:

MOHSENZADEH Hossein, 770 Boylston Street #14E, Boston, MA 02199, US, US  
(Residence), US (Nationality)

Legal Representative:

O'DONNELL Martin J (et al) (agent), Cesari and McKenna, LLP, 88 Black  
Falcon Avenue, Boston, MA 02210, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200305273 A1 20030116 (WO 0305273)

Application: WO 2002US20739 20020701 (PCT/WO US0220739)

Priority Application: US 2001899905 20010706

Designated States:

(Protection type is "patent" unless otherwise stated for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 12391

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... enters this information into a specific apparatus which is connected  
to a private or public **network**, or in case, the customer's purchase can  
be cleared and paid for without proceeding through any **checkout** line.  
The products can be picked up on leaving the store or shipped  
subsequently. The information provided by the customer about its **account**  
**number** can be provided verbally or through a card issued by the  
Facilitator, where the merchant... verification of the transaction is  
performed by telephone call by the Facilitator to the registered  
**telephone number** of the customer or the customer's surrogate (e.g.,  
parent).  
The call may alternatively...

19/3,K/10 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2006 WIPO/Univentio. All rts. reserv.

00911090 \*\*Image available\*\*

**ELECTRONIC FUNDS TRANSFER METHOD AND SYSTEM**

**PROCEDE ET SYSTEME DE TRANSFERT DE FONDS ELECTRONIQUES**

Patent Applicant/Inventor:

PETIGNY Andree Michelle, 251 W. 19th Street, #613, New York, NY 10011, US  
, US (Residence), US (Nationality)

Legal Representative:

POKOTILOW Steven B (et al) (agent), Stroock & Stroock & Lavan, LLP, 180  
Maiden Lane, New York, NY 10038, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200245278 A2-A3 20020606 (WO 0245278)

Application: WO 2001US44683 20011129 (PCT/WO US0144683)

Priority Application: US 2000253666 20001129; US 2001292911 20010524  
Designated States:  
(Protection type is "patent" unless otherwise stated for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 12548

Main International Patent Class (v7): **G06F-017/60**  
Fulltext Availability:  
Detailed Description

#### Detailed Description

... on a touchscreen, and other appropriate ways.

Electronic funds transfers also take place over the **Internet**. To complete such a transaction, a customer or his designee typically types in his **debit card** or bank account credit card number, and other verification information, such as the expiration date of the card, the customer's address, **phone number** and possibly a PIN. This information is the encoded and transmitted over the World Wide **Web** to the appropriate location. There are also other types of electronic funds transfers. For example...

...therein. The memory records pertinent information for the 10 last transaction, such as an **account number**, balance, available funds information, etc. The card is placed inside or near a smartcard reader that is capable of extracting the information as necessary while POS devices, **internet** browsers and smartcards may readily be used with the invention, any system or device that is capable of transmitting unique merchant and **customer identification** information to a clearinghouse for verification and settlement may be used.

15 Referring now...

19/3,K/15 (Item 15 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2006 WIPO/Univentio. All rts. reserv.

00805468 \*\*Image available\*\*

#### **AN ELECTRONIC COMMERCE SYSTEM AND A METHOD OF THE SAME** **SYSTEME DE COMMERCE ELECTRONIQUE ET PROCEDE ASSOCIE**

Patent Applicant/Inventor:

LEE Seo Won, 702-2 Samsung Jeil Building Suite 1218, Yeoksam-dong,  
Kangnam-gu, Seoul 135-080, KR, KR (Residence), KR (Nationality)

Legal Representative:

PARK Kyeong Hun (et al) (agent), Seoultech Int'l Patent & Law Firm, Kumma  
Building, 2nd floor 827-24, Yeoksam-dong, Kangnam-gu, Seoul 135-080, KR

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139057 A1 20010531 (WO 0139057)

Application: WO 2000KR1352 20001124 (PCT/WO KR0001352)  
Priority Application: KR 9952538 19991124; KR 200014646 20000322  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: Korean

Fulltext Word Count: 10566

Fulltext Availability:  
Detailed Description

Detailed Description

... server system 60 may be install in a mobile phone company, or  
administer of EC **web** server system 20 according to the present  
invention may install telecommunication server system 60 separately...

...system 60 includes database in which user's  
personal information is stored, such as mobile **phone numbers**, user  
names, io **social security number** and so on.

For electronic commerce, according to the present invention, a customer's  
mobile phone 15 number and EC exclusive bank **account number** or normal  
bank

**account number** are matched together. When a customer orders goods on  
the  
EC **website** according to the present invention, data on contents of the  
order are forwarded to the customer's mobile phone and the customer  
**checks** the contents of EC order on his mobile phone.

Supplier's server system 70 according...

19/3,K/17 (Item 17 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2006 WIPO/Univentio. All rts. reserv.

00799933 \*\*Image available\*\*

**A METHOD OF BILLING A PURCHASE MADE OVER A COMPUTER NETWORK**  
**PROCEDE DE FACTURATION D'UN ACHAT EFFECTUE SUR UN RESEAU INFORMATIQUE**

Patent Applicant/Inventor:

FELGER David, c/o The National Psychic Association, Inc., Camino Real  
Centre, 7200 Camino Real, Suite 300, Boca Raton, FL 33433, US, US  
(Residence), US (Nationality)

Legal Representative:

CURTIN Joseph P (et al) (agent), Banner & Witcoff, Ltd., 1001 G Street,  
N.W., Eleventh Floor, Washington, DC 20001-4597, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200133520 A1 20010510 (WO 0133520)  
Application: WO 2000US30504 20001106 (PCT/WO US0030504)  
Priority Application: US 99432811 19991104

Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

CA JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 22414

Fulltext Availability:

Detailed Description

Detailed Description

... checking account number, a credit card or debit card numbers, a card expiration date, a **telephone number**, a cable television **account number**, a utility service **account number**, an **Internet** service provider **account number**, an address including zip code, billing address, date of birth, driver's license number, **social security number**, a password, a digital certificate, mother's maiden name, etc. When the form of payment...

19/3,K/24 (Item 24 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2006 WIPO/Univentio. All rts. reserv.

00731978 \*\*Image available\*\*

**DATA PROCESSING SYSTEM FOR FACILITATING MERCHANDISE TRANSACTIONS**

**SYSTEME INFORMATIQUE POUR FACILITER LES TRANSACTIONS SUR MARCHANDISES**

Patent Applicant/Assignee:

CUCKLEBURR COM INC, P.O. Box 542, Mexia, TX 76667, US, US (Residence), US  
(Nationality)

Inventor(s):

BRIZENDINE Kyle, P.O. Box 542, Mexia, TX 76667, US

Legal Representative:

CARR Gregory W, Carr & Storm, L.L.P., 900 Jackson Street, 670 Founders Square, Dallas, TX 75202, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200045315 A1 20000803 (WO 0045315)

Application: WO 2000US2120 20000127 (PCT/WO US0002120)

Priority Application: US 99117500 19990127; US 99418627 19991015

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE  
GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU  
ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 41929

Main International Patent Class (v7): G06F-017/60

Fulltext Availability:

Claims

Claim

... ISSUING BANK  
142 COMPUTER 162  
152 170  
HOLDING  
BANK  
COMPUTE  
102 . . . j  
CLUB 172  
R **NETWORK** 1/180  
112 EDUC NAL  
IN ON  
116 182  
U@@

MEMBERS

120 130  
r r...

...MEMBER

190  
NON-MEMBER  
FIGa I  
RECTIFIED SHEET (RULE 91)  
/89  
112  
21 2  
200@@ **NETWORK**  
PROCESSOR NEIWOR  
INTERFACE 102  
202 MEMORY  
204@ D(ECUTABLE  
PROGRAM  
206-@,  
DATABASE...  
208 FIG 2  
STATE  
REGISTER  
210-@, EVENT  
REGISTER  
124  
MEMBERSHIP CARD  
402-@, MACHINE-READABLE **ACCOUNT** **NUMBER**  
JOHN DOE 1234 9012  
404 406  
FIG 4  
RECTIFIED SHEET (RULE 91)  
300  
MEMBER DATA...

...MERCHANT1

E-MAIL ADDRESS MERCHANDISE POINTS ACCUMI  
314  
316 DATE OF BIRTH  
GENDER  
318  
320 **TELEPHONE** **NUMBER**  
**SOCIAL** **SECURITY** **NUMBER**

19/AN,AZ,TI/1 (Item 1 from file: 348)  
DIALOG(R)File 348:(c) 2006 European Patent Office. All rts. reserv.

01843254  
Method and system for automatic activation of a wireless device  
Verfahren und System fur automatische Aktivierung eines schnurlosen Gerats  
Methode et systeme pour l'activation automatique d'un dispositif "sans fil"  
APPLICATION (CC, No, Date): EP 2004105236 970626;  
PRIORITY (CC, No, Date): US 683013 960716

19/AN,AZ,TI/2 (Item 2 from file: 348)  
DIALOG(R)File 348:(c) 2006 European Patent Office. All rts. reserv.

01030324  
MOBILE ELECTRONIC COMMERCE SYSTEM  
MOBILE ELEKTRONISCHES HANDELSYSTEM  
SYSTEME DE COMMERCE ELECTRONIQUE MOBILE  
APPLICATION (CC, No, Date): EP 98937807-980813; WO 98JP3608-980813  
PRIORITY (CC, No, Date): JP 97230564 970813

19/AN,AZ,TI/3 (Item 3 from file: 348)  
DIALOG(R)File 348:(c) 2006 European Patent Office. All rts. reserv.

00897699  
Method and system for automatic activation of a wireless device  
Verfahren und System fur automatische Aktivierung eines schnurlosen Gerats  
Methode et systeme pour l'activation automatique d'un dispositif "sans fil"  
APPLICATION (CC, No, Date): EP 97304542 970626;  
PRIORITY (CC, No, Date): US 683013 960716

19/AN,AZ,TI/4 (Item 4 from file: 349)  
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

01355520  
METHOD AND SYSTEM OF AUTHENTICATION ON AN OPEN NETWORK  
PROCEDE ET SYSTEME D'AUTHENTIFICATION SUR UN RESEAU OUVERT  
Application: WO 2005US34923 20051001 (PCT/WO US2005034923)

19/AN,AZ,TI/5 (Item 5 from file: 349)  
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

01354276  
METHOD FOR PERFORMING RETAIL SALES ANALYSIS  
MATERIAU CONDUCTEUR COMPOSITE  
Application: WO 2005GB3746 20050930 (PCT/WO GB2005003746)

19/AN,AZ,TI/6 (Item 6 from file: 349)  
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

01235785  
SECURING DIGITAL CONTENT SYSTEM AND METHOD  
PROCEDE ET SYSTEME DE SECURISATION DE DONNEES NUMERIQUES

Application: WO 2004US34494 20041020 (PCT/WO US04034494)

19/AN,AZ,TI/7 (Item 7 from file: 349)  
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

01144238

**DIRECT PAYMENT WITH TOKEN**

**PAIEMENT DIRECT AVEC DES JETONS**

Application: WO 2004US1607 20040120 (PCT/WO US04001607)

19/AN,AZ,TI/8 (Item 8 from file: 349)  
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

01057884

**SYSTEM AND METHOD FOR PROCESSING FINANCIAL TRANSACTIONS USING MULTI-PAYMENT PREFERENCES**

**SYSTEME ET PROCEDE DE TRAITEMENT DE TRANSACTIONS FINANCIERES REPOSANT SUR L'UTILISATION DE PREFERENCES DE PAIEMENTS MULTIPLES**

Application: WO 2003US10577 20030407 (PCT/WO US03010577)

19/AN,AZ,TI/9 (Item 9 from file: 349)  
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00975313

**SECURE AUTHENTICATION AND PAYMENT SYSTEM**

**SYSTEME D'AUTHENTIFICATION ET DE PAIEMENT SECURISE**

Application: WO 2002US20739 20020701 (PCT/WO US0220739)

19/AN,AZ,TI/10 (Item 10 from file: 349)  
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00911090

**ELECTRONIC FUNDS TRANSFER METHOD AND SYSTEM**

**PROCEDE ET SYSTEME DE TRANSFERT DE FONDS ELECTRONIQUES**

Application: WO 2001US44683 20011129 (PCT/WO US0144683)

19/AN,AZ,TI/11 (Item 11 from file: 349)  
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00903156

**PAPERLESS COUPON REDEMPTION METHOD AND APPARATUS**

**PROCEDE ET DISPOSITIF DE RACHAT DE COUPONS ELECTRONIQUES**

Application: WO 2001US45365 20011030 (PCT/WO US0145365)

19/AN,AZ,TI/12 (Item 12 from file: 349)  
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00899532

**METHODS AND APPARATUS FOR FORMULATION, INITIAL PUBLIC OR PRIVATE OFFERING, AND SECONDARY MARKET TRADING OF RISK MANAGEMENT CONTRACTS**

**PROCEDES ET SYSTEME POUR LA FORMULATION DE PREMIERES OFFRES PUBLIQUES OU**



**PRIVEES ET LA NEGOCIATION DE MARCHE SECONDAIRE POUR DES CONTRATS DE  
GESTION DE RISQUES**

Application: WO 2001US32275 20011015 (PCT/WO US0132275)

19/AN,AZ,TI/13 (Item 13 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00806384

**NETWORK AND LIFE CYCLE ASSET MANAGEMENT IN AN E-COMMERCE ENVIRONMENT AND  
METHOD THEREOF**

**GESTION D'ACTIFS DURANT LE CYCLE DE VIE ET EN RESEAU DANS UN ENVIRONNEMENT  
DE COMMERCE ELECTRONIQUE ET PROCEDE ASSOCIE**

Application: WO 2000US32324 20001122 (PCT/WO US0032324)

19/AN,AZ,TI/14 (Item 14 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00805500

**SYSTEM AND METHOD FOR SENDING MONEY VIA E-MAIL OVER THE INTERNET  
SYSTEME ET PROCEDE PERMETTANT D'ENVOYER DE L'ARGENT PAR COURRIER  
ELECTRONIQUE VIA L'INTERNET**

Application: WO 2000US42253 20001122 (PCT/WO US0042253)

19/AN,AZ,TI/15 (Item 15 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00805468

**AN ELECTRONIC COMMERCE SYSTEM AND A METHOD OF THE SAME  
SYSTEME DE COMMERCE ELECTRONIQUE ET PROCEDE ASSOCIE**

Application: WO 2000KR1352 20001124 (PCT/WO KR0001352)

19/AN,AZ,TI/16 (Item 16 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00805429

**METHOD AND APPARATUS FOR AN E-MAIL AFFILIATE PROGRAM  
PROCEDE ET DISPOSITIF DESTINES A UN PROGRAMME D'AFFILIATION DE COURRIER  
ELECTRONIQUE**

Application: WO 2000US31836 20001120 (PCT/WO US0031836)

19/AN,AZ,TI/17 (Item 17 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00799933

**A METHOD OF BILLING A PURCHASE MADE OVER A COMPUTER NETWORK  
PROCEDE DE FACTURATION D'UN ACHAT EFFECTUE SUR UN RESEAU INFORMATIQUE**

Application: WO 2000US30504 20001106 (PCT/WO US0030504)

19/AN,AZ,TI/18 (Item 18 from file: 349)

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00784184

**A SYSTEM, METHOD FOR FIXED FORMAT STREAM COMMUNICATION IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT**  
**SYSTEME, PROCEDE ET ARTICLE POUR FLUX DE FORMAT FIXE DANS UN ENVIRONNEMENT A CONFIGURATIONS DE SERVICES DE COMMUNICATION**  
Application: WO 2000US24114 20000831 (PCT/WO US0024114)

19/AN,AZ,TI/19 (Item 19 from file: 349)  
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00777020

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR RESOURCE ADMINISTRATION IN AN E-COMMERCE TECHNICAL ARCHITECTURE**  
**SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR L'ADMINISTRATION DE RESSOURCES DANS UNE ARCHITECTURE TECHNIQUE DE COMMERCE ELECTRONIQUE**  
Application: WO 2000US20547 20000728 (PCT/WO US0020547)

19/AN,AZ,TI/20 (Item 20 from file: 349)  
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00765993

**APPARATUS, SYSTEMS AND METHODS FOR PROVIDING AT HOME AUTOMATIC TELLER MACHINE SERVICES**  
**APPAREIL, SYSTEMES ET PROCEDES PERMETTANT D'OFFRIR DES SERVICES DE GUICHET AUTOMATIQUE BANCAIRE A LA MAISON**  
Application: WO 2000US16640 20000616 (PCT/WO US0016640)

19/AN,AZ,TI/21 (Item 21 from file: 349)  
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00762426

**A SECURE INTERNET VAULT FOR CONSUMER RECEIPTS, LEGAL DOCUMENTS AND COMMERCE CHAMBRE FORTE PROTEGEE SUR INTERNET POUR RECUS, DOCUMENTS JURIDIQUES ET COMMERCE DU CONSOMMATEUR**  
Application: WO 2000US15371 20000602 (PCT/WO US0015371)

19/AN,AZ,TI/22 (Item 22 from file: 349)  
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00755443

**CORPORATE INTRANET BANKING SYSTEM AND METHOD**  
**SYSTEME BANCAIRE DE RESEAU INTERNE D'ENTREPRISE ET PROCEDE ASSOCIE**  
Application: WO 2000US12559 20000509 (PCT/WO US0012559)

19/AN,AZ,TI/23 (Item 23 from file: 349)  
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00753794

**SYSTEM AND METHOD FOR INVERTED PROMOTIONS**  
**SYSTEME ET PROCEDE DE PROMOTIONS INVERSEES**  
Application: WO 2000US11600 20000427 (PCT/WO US0011600)

19/AN,AZ,TI/24 (Item 24 from file: 349)  
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00731978  
DATA PROCESSING SYSTEM FOR FACILITATING MERCHANDISE TRANSACTIONS  
SYSTEME INFORMATIQUE POUR FACILITER LES TRANSACTIONS SUR MARCHANDISES  
Application: WO 2000US2120 20000127 (PCT/WO US0002120)

19/AN,AZ,TI/25 (Item 25 from file: 349)  
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00577740  
xDSL WEB ORDERING TOOL  
OUTIL DE COMMANDE xDSL ACCESSIBLE SUR LE WEB  
Application: WO 99US30832 19991227 (PCT/WO US9930832)

19/AN,AZ,TI/26 (Item 26 from file: 349)  
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00488451  
INTEGRATED CUSTOMER INTERFACE FOR WEB BASED COMMUNICATIONS NETWORK  
MANAGEMENT  
INTERFACE CLIENT INTEGREE POUR LA GESTION DE RESEAUX DE COMMUNICATIONS  
BASES SUR LE WEB  
Application: WO 98US20173 19980925 (PCT/WO US9820173)

19/AN,AZ,TI/27 (Item 27 from file: 349)  
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00470876  
SYSTEM FOR SYNDICATION OF INSURANCE  
SYSTEME DE SYNDICAT D'ASSURANCE  
Application: WO 98US13720 19980701 (PCT/WO US9813720)

? show files;ds

File 2:INSPEC 1898-2006/May W1  
(c) 2006 Institution of Electrical Engineers  
File 35:Dissertation Abs Online 1861-2006/Apr  
(c) 2006 ProQuest Info&Learning  
File 65:Inside Conferences 1993-2006/May 17  
(c) 2006 BLDSC all rts. reserv.  
File 99:Wilson Appl. Sci & Tech Abs 1983-2006/Apr  
(c) 2006 The HW Wilson Co.  
File 256:TecInfoSource 82-2006/Jun  
(c) 2006 Info.Sources Inc  
File 474:New York Times Abs 1969-2006/May 16  
(c) 2006 The New York Times  
File 475:Wall Street Journal Abs 1973-2006/May 16  
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File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
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*bibliographic  
NPL files*

Set	Items	Description
S1	770026	PAYMENT? ? OR PAY??? OR COLLECTION? ? OR REMIT? ? OR REMIT- T? OR DISBURS? OR REMUNERATION? ? OR RENUMERATION? ? OR WRIT?- ??
S2	149074	CHECK??? OR CHEQUE? ? OR CYBERCHECK? OR CYBERCHEQUE? OR EC- HECK? ? OR ECHEQUE? ? OR WEBCHECK? OR WEBCHEQUE? OR DIGICHECK? OR DIGICHEQUE? OR (DEBIT OR CHECK OR CHEQUE) ()CARD? ? OR DEB- ITCARD? ? OR CHECKCARD? ? OR CHEQUECARD? ?
S3	1344562	CYBER OR CYBERSPACE OR VIRTUAL OR INTERNET OR WEB OR WORLD- WIDE??? OR WIDEBWEB OR HOME() (PAGE? ? OR SITE? ?) OR WEBPAGE? ? OR HOMEPAGE? ? OR WEBSITE? ? OR NETWORK OR ONLINE OR ON()LINE
S4	2631	(UNIQUE OR CUSTOMER? ? OR SOCIAL()SECURITY OR RESERVED OR - ASSIGN?? OR DISTINGUISHING OR PECULIAR?) () (IDENTIFIER? ? OR I- DENTIFICATION OR NUMBER? ?) OR DRIVER? ?()LICENSE? ? OR SSN
S5	5708	(PHONE OR TELEPHONE OR HOMEPHONE OR WORKPHONE) ()NUMBER? ? - OR PHONENUMBER? ?
S6	439	(BANK OR BANQUE OR ACCOUNT OR TRANSIT OR ROUTING) () (NUMBER? ? OR CODE? ?)
S7	106	S3(10N) (S1(3N)S2)
S8	0	S4(10N)S5(10N)S6
S9	0	S7(S)S8
S10	0	S2(S)S3(S)S4(S)S5(S)S6
S11	0	S2 AND S3 AND S4 AND S5 AND S6
S12	69	S2 AND S3 AND (S4 OR S5 OR S6)
S13	1	S7(S) (S4 OR S5 OR S6)
S14	69	S12 OR S13
S15	20	S14 NOT PY>1998
S16	19	S15 NOT PD=19980204:20060631
S17	19	RD (unique items)

17/3,K/2 (Item 2 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2006 Institution of Electrical Engineers. All rts. reserv.

06442081 INSPEC Abstract Number: B9701-6210L-100, C9701-0230-013

**Title: Personal privacy: an endangered species in the information age?**

Author(s): Hedberg, S.

Journal: IEEE Parallel & Distributed Technology: Systems & Applications  
vol.4, no.4 p.4-7

Publisher: IEEE,

Publication Date: Winter 1996 Country of Publication: USA

ISSN: 1063-6552

SICI: 1063-6552(199624)4:4L:4:PPES;1-N

Material Identity Number: P982-96004

U.S. Copyright Clearance Center Code: 1063-6552/96/\$4.00

Language: English

Subfile: B C

Copyright 1996, IEE

Abstract: In mid-September (1996) there was a flurry of angry email messages flying around the **Internet**, discussing the news that personal information about you could be purchased from the company by...

... alias name, current and two most recent previous addresses, month and year of birth, and **phone number**. When the product first came out, it included **Social Security numbers** as well, but that feature was pulled less than two weeks after the product's initial release. However, if you have a **Social Security number**, you can still search the database (for a fee, of course) for related data. Compared...

~~...made it clear that much personal information is unknowingly gathered and~~  
used. Several journalists reported **checking** personal information in P-Trak, and most found erroneous information. This raises another issue: what inaccurate personal information is floating around in **cyberspace** and what effect might that have?.

...Descriptors: **Internet** ;

...Identifiers: **Internet** ; ...

... **Social Security numbers** ; ...

... **cyberspace**

17/3,K/7 (Item 7 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2006 Institution of Electrical Engineers. All rts. reserv.

04060625 INSPEC Abstract Number: D88000594

**Title: 1988: year of the debit card**

Journal: Bank Systems & Equipment vol.24, no.11 p.16, 18

Publication Date: Nov. 1987 Country of Publication: USA

CODEN: BSEQD6 ISSN: 0146-0900

Language: English

Subfile: D

**Title: 1988: year of the debit card**

Abstract: The American Bankers Association has released guidelines for all facets of **online debit card** usage including physical card

characteristics, **customer identification** , backup and recovery procedures and security. Flexibility of these guidelines is vital to ensuring their...

...possible number of retailers and financial organisations. The guidelines were structured to be compatible with **online ATM network** environments. Customers will use a PIN format rather than a signature, and if available may...

...Identifiers: **online debit card** ; ...

...ATM **network** ;

17/3,K/13 (Item 1 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM) .  
(c) 2002 The Gale Group. All rts. reserv.

06523453

KUNDER BETALER FOR SNYD

DENMARK: PAYMENT SECURITY ON THE **INTERNET**  
Berlingske Tidende (XSL) 18 Sep 1997 p.7  
Language:--DANISH--

DENMARK: PAYMENT SECURITY ON THE **INTERNET**

Within the next few months, the first Danish **Internet** shops which use a credit card system developed by SelfServe Scandinavia are expected to open. Jesper Bo Jensen, marketing director of SelfServe, says the security system guarantees that these **Internet** shops will not lose money. All **account numbers** will be **checked** by the British National Westminster Bank, which also will cash the transactions. In the end...

COMPANY: NATL WESTMINSTER BANK; SELFserve; SELFserve SCANDINAVIA;  
**INTERNET**

17/6/1 (Item 1 from file: 2)  
06624399 INSPEC Abstract Number: B9708-6210G-006, C9708-7210-028  
**Title: Online white pages: The World's largest phone book**  
Publication Date: June-July 1997  
Copyright 1997, IEE

17/6/2 (Item 2 from file: 2)  
06442081 INSPEC Abstract Number: B9701-6210L-100, C9701-0230-013  
**Title: Personal privacy: an endangered species in the information age?**  
Publication Date: Winter 1996  
Copyright 1996, IEE

17/6/3 (Item 3 from file: 2)  
05887453  
1. **Title: Moving off the mainframe**  
Publication Date: 15 Jan. 1995  
Copyright 1995, IEE

17/6/4 (Item 4 from file: 2)  
04462701 INSPEC Abstract Number: B89064171, C89056161  
**Title: A network solution for improved security for computer access**  
Publication Date: 1988

17/6/5 (Item 5 from file: 2)  
04358029 INSPEC Abstract Number: B89032705, C89029260  
**Title: Managing a crisis ( network management centre)**  
Publication Date: Dec. 1988

17/6/6 (Item 6 from file: 2)  
04148641 INSPEC Abstract Number: C88036127  
**Title: 'Vending' end user searching in a University Library**  
Publication Date: 1987

17/6/7 (Item 7 from file: 2)  
04060625 INSPEC Abstract Number: D88000594  
**Title: 1988: year of the debit card**  
Publication Date: Nov. 1987

17/6/8 (Item 8 from file: 2)  
03958738 INSPEC Abstract Number: D87002294  
**Title: How will check hold legislation affect return item processing?**  
Publication Date: June 1987

17/6/9 (Item 9 from file: 2)  
03836283 INSPEC Abstract Number: B87017333  
**Title: Microwave device modeling using efficient 1/sub 1/ optimization: a novel approach**  
Publication Date: Dec. 1986

17/6/10 (Item 1 from file: 35)  
01240327 ORDER NO: AAD92-28034  
INTERPRETING HANDWRITTEN TEXT IN A CONSTRAINED DOMAIN (PATTERN RECOGNITION,  
READING, WRITING STYLE)  
Year: 1992

17/6/11 (Item 1 from file: 99)  
1674176 H.W. WILSON RECORD NUMBER: BAST95060290  
Competitor data for the business plan  
19951000

17/6/12 (Item 1 from file: 256)  
02767964 DOCUMENT TYPE: Company

Zaba Inc (767964)  
REVISION DATE: 00000000

17/6/13 (Item 1 from file: 583)  
06523453  
KUNDER BETALER FOR SNYD  
DENMARK: PAYMENT SECURITY ON THE INTERNET  
18 Sep 1997

17/6/14 (Item 2 from file: 583)  
06480303  
Smart card promises mobile phone banking  
HONG KONG: GEMPLUS DEVELOPS ADVANCED SIM CARDS  
10 Jun 1997

17/6/15 (Item 3 from file: 583)  
06406575  
Telekom mit Firmenkarte  
GERMANY: T-CARD AS CORPORATE VERSION  
05 Dec 1996

17/6/16 (Item 4 from file: 583)  
06168208  
Telecom cards.  
UAE: TENDERS ASKED FOR TELECOM CARDS CONTRACT  
23 Jun 1995

17/6/17 (Item 5 from file: 583)  
04902039  
BA check on plagiarism  
UK - BURNS ANDERSON ACCUSES BELEVEDERE OF PLAGIARISM  
19 February 1992

17/6/18 (Item 6 from file: 583)  
02238141  
ON - LINE FLIGHT TICKET ISSUING SYSTEM



US - ON - LINE FLIGHT TICKET ISSUING SYSTEM  
14 November 1988

17/6/19 (Item 7 from file: 583)  
02016100  
ELECTRONIC EDITION OF AIRLINE GUIDE AVAILABLE  
UK - ELECTRONIC EDITION OF AIRLINE GUIDE AVAILABLE  
17 June 1988

? show files;ds

File 20:Dialog Global Reporter 1997-2006/May 17  
(c) 2006 Dialog

*full text  
NPL files!  
(no good dates)*

Set	Items	Description
S1	7280080	PAYMENT? ? OR PAY??? OR COLLECTION? ? OR REMIT? ? OR REMIT- T? OR DISBURS? OR REMUNERATION? ? OR RENUMERATION? ? OR WRIT?- ??
S2	1418704	CHECK??? OR CHEQUE? ? OR CYBERCHECK? OR CYBERCHEQUE? OR EC- HECK? ? OR ECHEQUE? ? OR WEBCHECK? OR WEBCHEQUE? OR DIGICHECK? OR DIGICHEQUE? OR (DEBIT OR CHECK OR CHEQUE) () CARD? ? OR DEB- ITCARD? ? OR CHECKCARD? ? OR CHEQUECARD? ?
S3	7508756	CYBER OR CYBERSPACE OR VIRTUAL OR INTERNET OR WEB OR WORLD- WIDE??? OR WIDEBWEB OR HOME() (PAGE? ? OR SITE? ?) OR WEBPAGE? ? OR HOMEPAGE? ? OR WEBSITE? ? OR NETWORK OR ONLINE OR ON() LINE
S4	26638	(UNIQUE OR CUSTOMER? ? OR SOCIAL() SECURITY OR RESERVED OR - ASSIGN?? OR DISTINGUISHING OR PECULIAR?) () (IDENTIFIER? ? OR I- DENTIFICATION OR NUMBER? ?) OR DRIVER? ? () LICENSE? ? OR SSN
S5	236175	(PHONE OR TELEPHONE OR HOMEPHONE OR WORKPHONE) () NUMBER? ? - OR PHONENUMBER? ?
S6	14818	(BANK OR BANQUE OR ACCOUNT OR TRANSIT OR ROUTING) () (NUMBER? -? OR CODE? ?)
S7	4317	S3 (10N) (S1 (3N) S2)
S8	46	S4 (10N) S5 (10N) S6
S9	0	S7 (S) S8
S10	15	S2 (S) S3 (S) S4 (S) S5 (S) S6
S11	46	S8 (S) (S4 OR S5 OR S6)
S12	57	S10 OR S11
S13	1	S12 NOT PY>1998
S14	0	S13 NOT PD=19980204:20060631

? show files;ds

File 9:Business & Industry(R) Jul/1994-2006/May 08  
(c) 2006 The Gale Group  
File 15:ABI/Inform(R) 1971-2006/May 17  
(c) 2006 ProQuest Info&Learning  
File 16:Gale Group PROMT(R) 1990-2006/May 17  
(c) 2006 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2006/May 17  
(c)2006 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2006/May 16  
(c) 2006 The Gale Group

*full test  
NPL files-2*

Set	Items	Description
S1	6299447	PAYMENT? ? OR PAY??? OR COLLECTION? ? OR REMIT? ? OR REMIT- T? OR DISBURS? OR REMUNERATION? ? OR RENUMERATION? ? OR WRIT?- ??
S2	1317782	CHECK??? OR CHEQUE? ? OR CYBERCHECK? OR CYBERCHEQUE? OR EC- HECK? ? OR ECHEQUE? ? OR WEBCHECK? OR WEBCHEQUE? OR DIGICHECK? OR DIGICHEQUE? OR (DEBIT OR CHECK OR CHEQUE) () CARD? ? OR DEB- ITCARD? ? OR CHECKCARD? ? OR CHEQUECARD? ?
S3	10305762	CYBER OR CYBERSPACE OR VIRTUAL OR INTERNET OR WEB OR WORLD- WIDE??? OR WIDEBWEB OR HOME() (PAGE? ? OR SITE? ?) OR WEBPAGE? ? OR HOMEPAGE? ? OR WEBSITE? ? OR NETWORK OR ONLINE OR ON()LINE
S4	43236	(UNIQUE OR CUSTOMER? ? OR SOCIAL()SECURITY OR RESERVED OR - ASSIGN?? OR DISTINGUISHING OR PECULIAR?) () (IDENTIFIER? ? OR I- DENTIFICATION OR NUMBER? ?) OR DRIVER? ?()LICENSE? ? OR SSN
S5	209176	(PHONE OR TELEPHONE OR HOMEPHONE OR WORKPHONE) ()NUMBER? ? - OR PHONENUMBER? ?
S6	21897	(BANK OR BANQUE OR ACCOUNT OR TRANSIT OR ROUTING) () (NUMBER? ? OR CODE? ?)
S7	8206	S3(10N) (S1(3N)S2)
S8	120	S4(10N)S5(10N)S6
S9	0	S7(S)S8
S10	9	S2(S)S3(S)S4(S)S5(S)S6
S11	93	S7(S)(S4 OR S5 OR S6)
S12	35	S7(10N) (S4 OR S5 OR S6)
S13	44	S10 OR S12
S14	2	S13 NOT PY>1998
S15	102	S10 OR S11
S16	13	S15 NOT PY>1998
S17	11	S16 NOT PD=19980204:20060631
S18	10	RD (unique items)

18/3,K/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2006 The Gale Group. All rts. reserv.

01007291 Supplier Number: 23507716 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Checking Out On the Internet**  
(Americans wrote an estimated 67 bil checks in 1995, with 17 bil coming at the point of sale)  
Financial Service ONLINE, p 61+  
May 1996  
DOCUMENT TYPE: Journal (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2086

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Net1, Lane's company promises consumers several levels of security, including the fact that no **account numbers** travel over the Internet; account set-up is handled off-line, and all information that travels across the **Internet** is encrypted. Unlike Redi- **Check** 's **Sure Pay** product, TekChek transactions are completely electronic -- once initiated **on - line**, the payment is converted to an ACH transaction. Lane, who says he is talking with...

18/3,K/5 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

00955753 96-05146  
**Is the debit card revolution finally here?**  
Caskey, John P; Sellon, Gordon H Jr  
Economic Review (Federal Reserve Bank of Kansas City) v79n4 PP: 79-95  
Fourth Quarter 1994  
ISSN: 0161-2387 JRNL CODE: EKC  
WORD COUNT: 8588

...TEXT: electronic network linking the banks to the merchant's debit card reader.

In a typical **on - line debit card payment**, the merchant enters the amount of the sale into a keyboard and swipes the debit...

...through a terminal with a magnetic code reader, which records the customer's bank and **account number**. The customer then enters his PIN number into a keyboard connected to the terminal to...

18/3,K/9 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2006 The Gale Group. All rts. reserv.

05062670 SUPPLIER NUMBER: 10480924  
**Banking on networks for electronic check payments: concept growing, speeds payment, cuts cost. (includes related article on a scheduled test of electronic rebate check clearing)**  
Brown, Jim

Network World, v8, n11, p5(2)

March 18, 1991

ISSN: 0887-7661

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: and then pass it on to the bank holding the account.  
Examining the customer's **account number** and imprinting a special code  
along the MICR line when the check is printed are...

18/3,K/10 (Item 1 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
(c) 1999 The Gale Group. All rts. reserv.

01618523

**New on-line payment processing services offered.**

CATALOG AGE May, 1987 p. 121

TJ Little and Company (Nashua, New Hampshire) has introduced the  
TransNet **on - line credit checking** service. The comprehensive **payment**  
processing service collects orders from various sources, authorizes credit  
card sales and puts the order...

... one month or more before receiving complete information about  
chargebacks. The service also checks customers' **account numbers** and  
determines if enough credit exists to cover the sale. The service presently  
handles transactions...

18/6/1 (Item 1 from file: 9)  
01007291 Supplier Number: 23507716 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Checking Out On the Internet**  
May 1996  
WORD COUNT: 2086

18/6/2 (Item 2 from file: 9)  
00650644 Supplier Number: 23205435 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**WELLS FARGO OFFERS FIRST INTERNET ACCESS TO BANK ACCOUNT INFORMATION**  
May 19, 1995  
WORD COUNT: 617

18/6/3 (Item 3 from file: 9)  
00624834 Supplier Number: 23118655  
**COMPUTER LITERATE**  
January 30, 1995  
WORD COUNT: 108

18/6/4 (Item 1 from file: 15)  
01534902 01-85890  
\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\*  
**CUs plan electronic bill payment**  
Nov/Dec 1997 LENGTH: 6 Pages  
WORD COUNT: 2481

18/6/5 (Item 2 from file: 15)  
00955753 96-05146  
\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\*  
**Is the debit card revolution finally here?**  
Fourth Quarter 1994 LENGTH: 17 Pages  
WORD COUNT: 8588

18/6/6 (Item 3 from file: 15)  
00118397 80-12334  
**Computers and Crime: A Key Issue**  
May 1980

18/6/7 (Item 1 from file: 16)  
04723819 Supplier Number: 46954378 (USE FORMAT 7 FOR FULLTEXT)  
**BROWSING THROUGH "BARNETT TOWN"**  
Dec 9, 1996  
Word Count: 161

18/6/8 (Item 1 from file: 148)  
09992422 SUPPLIER NUMBER: 20189816 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**CUs plan electronic bill payment. (credit unions)(includes related article  
on Credit Union National Association Mutual Group piloting  
bill-presentment program)**  
Nov-Dec, 1997  
WORD COUNT: 3539 LINE COUNT: 00300

18/6/9 (Item 2 from file: 148)  
05062670 SUPPLIER NUMBER: 10480924  
Banking on networks for electronic check payments: concept growing, speeds  
payment, cuts cost. (includes related article on a scheduled test of

electronic rebate check clearing)  
March 18, 1991

18/6/10 (Item 1 from file: 160)  
01618523  
New on-line payment processing services offered.  
May, 1987

? show files;ds

File 476:Financial Times Fulltext 1982-2006/May 18

(c) 2006 Financial Times Ltd

File 621:Gale Group New Prod.Annou.(R) 1985-2006/May 17

(c) 2006 The Gale Group

File 624:McGraw-Hill Publications 1985-2006/May 17

(c) 2006 McGraw-Hill Co. Inc

File 636:Gale Group Newsletter DB(TM)-1987-2006/May 16

(c) 2006 The Gale Group

File 634:San Jose Mercury Jun 1985-2006/May 16

(c) 2006 San Jose Mercury News

File 47:Gale Group Magazine DB(TM) 1959-2006/May 17

(c) 2006 The Gale group

File 635:Business Dateline(R) 1985-2006/May 17

(c) 2006 ProQuest Info&Learning

File 570:Gale Group MARS(R) 1984-2006/May 16

(c) 2006 The Gale Group

*full text  
NPL files 3*

Set Items Description

S1 4192797 PAYMENT? ? OR PAY??? OR COLLECTION? ? OR REMIT? ? OR REMIT-  
T? OR DISBURS? OR REMUNERATION? ? OR RENUMERATION? ? OR WRIT?-  
??

S2 789049 CHECK??? OR CHEQUE? ? OR CYBERCHECK? OR CYBERCHEQUE? OR EC-  
HECK? ? OR ECHEQUE? ? OR WEBCHECK? OR WEBCHEQUE? OR DIGICHECK?  
OR DIGICHEQUE? OR (DEBIT OR CHECK OR CHEQUE)()CARD? ? OR DEB-  
ITCARD? ? OR CHECKCARD? ? OR CHEQUECARD? ?

S3 5566005 CYBER OR CYBERSPACE OR VIRTUAL OR INTERNET OR WEB OR WORLD-  
WIDE??? OR WIDEBWEB OR HOME()- (PAGE? ? OR SITE? ?) OR WEBPAGE? ?  
OR HOMEPAGE? ? OR WEBSITE? ? OR NETWORK OR ONLINE OR ON()LINE

S4 22305 (UNIQUE OR CUSTOMER? ? OR SOCIAL()SECURITY OR RESERVED OR -  
ASSIGN?? OR DISTINGUISHING OR PECULIAR?)() (IDENTIFIER? ? OR I-  
DENTIFICATION OR NUMBER? ?) OR DRIVER? ?()LICENSE? ? OR SSN

S5 122778 (PHONE OR TELEPHONE OR HOMEPHONE OR WORKPHONE)()NUMBER? ? -  
OR PHONENUMBER? ?

S6 10651 (BANK OR BANQUE OR ACCOUNT OR TRANSIT OR ROUTING)() (NUMBER?  
? OR CODE? ?)

S7 4163 S3(10N) (S1(3N)S2)

S8 48 S4(10N)S5(10N)S6

S9 0 S7(S)S8

S10 5 S2(S)S3(S)S4(S)S5(S)S6

S11 52 S7(S) (S4 OR S5 OR S6)

S12 57 S10 OR S11

S13 11 S12 NOT PY>1998

S14 9 S13 NOT PD=19980204:20060631

S15 9 RD (unique items)



15/3,K/1 (Item 1 from file: 624)  
DIALOG(R)File 624:McGraw-Hill Publications  
(c) 2006 McGraw-Hill Co. Inc. All rts. reserv.

00880254

**CON ED OFFERS INTERNET BILL PAYMENT; LETS BIG USERS SEE MULTIPLE ACCOUNTS**

Energy Services & Telecom Report (formerly DSR), Vol. 16, No. 33, Pg 11  
August 14, 1997

JOURNAL CODE: DSR

SECTION HEADING: The Internet ISSN: 1286-4008/96

WORD COUNT: 274

TEXT:

... of the day by transferring money from a checking account or any other account with **check - writing** privileges.

To use the service, customers enter Con Ed's **web** site (<http://www.coned.com>) and click on the on the ``Customer Service On-Line'' button on the home page. The customer is prompted to enter a Con Ed **account number**, and a ``Make a Payment'' option is selected from the menu. A new page appears...

... and a ``Pay by Internet'' option; then users fill out an ``electronic check,'' providing the **account number** and bank identification number. All information is encrypted to maintain security, Con Ed says.

In...

15/3,K/2 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2006 The Gale Group. All rts. reserv.

03388894 Supplier Number: 46972720 (USE FORMAT 7 FOR FULLTEXT)

**CHEKFAXX: ChekFaxx offers secured Internet payment system, WebChek**

M2 Presswire, pN/A

Dec 16, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 738

... ChekFaxx's Web-site at [www.chekfaxx.com](http://www.chekfaxx.com).

WebChek and ChekFaxx work as a turnkey **Internet check payment** and **on - line** purchase order system which provides a complete interactive purchase order system and complete check record processing system that verifies the American Banking Association (ABA) bank **routing number** and Magnetic Ink Character Recognition (MICR) standards in accordance with ABA X9 regulations and standards...

15/3,K/4 (Item 3 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2006 The Gale Group. All rts. reserv.

02989597 Supplier Number: 46097824 (USE FORMAT 7 FOR FULLTEXT)

**HOTNEWS PRODUCT BRIEFS**

Internet Week, pN/A

Jan 29, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 707

... to access account information in real-time via the Net. As a security measure, actual **account numbers** never appear online. The card is issued by Columbus Bank and Trust Co. Block also plans to debut **online bill paying** and **checking** as well. Contact: Block Financial, (816) 751-6010.

Java 1.0 Released: Version 1.0...

15/3,K/5 (Item 4 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2006 The Gale Group. All rts. reserv.

02618842 Supplier Number: 45300190 (USE FORMAT 7 FOR FULLTEXT)  
**American Express Co. is going on-line**

CardFAX, pN/A

Jan 31, 1995

Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 115

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...line. Yesterday, AmEx announced the debut of ExpressNet, a computer service for cardholders on computer **on - line** service America **Online**. With ExpressNet, cardholders can **check** their accounts and **pay** bills, make travel reservations, enroll in rewards programs such as Membership Miles, and get...

...free with an America Online membership; cardholders need only a password and their AmEx **account number** to gain access. David S. Bauman, AmEx vice president and general manager of interactive services...

15/3,K/6 (Item 5 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2006 The Gale Group. All rts. reserv.

01661654 Supplier Number: 42615399 (USE FORMAT 7 FOR FULLTEXT)  
**ARKANSAS SOFTWARE SUPPORTS CHECK-ONLY PROCESSING.**

Item Processing Report, v2, n25, pN/A

Dec 26, 1991

Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 128

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...payments to be processed through a high-speed reader/sorter by matching payments to customer **account numbers** via **on - line** file research, generating electronic payment tracking documents, and killing most **check - only payments** after two high-speed reader sorter passes. The software uses an AS/400 file containing...

...contains tracking information from personal and corporate check MICR lines, such as bank routing and **transit number** and check **account number** . Data in the ID file can be cross-referenced with other data files to match...

15/3,K/8 (Item 1 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

0682772 96-39997

**Banking on your personal computer: Services expand for both home and business users**

Anonymous

~~Business Digest--Southeastern Massachusetts/Cape & Islands--(Hyannis, MA, US)~~  
, V10 N12 p4

PUBL DATE: 960300

WORD COUNT: 2,892

DATLINE: Hyannis, MA, US, New England

TEXT:

...point, the customer can view interim statements and order transactions.

The system allows customers to **write on - line checks** , which are then processed electronically. A majority are handled by the bank through paper drafts...internet, but they don't want to put out that magic credit card number, or **account number** . Ultimately we'll get that security issue addressed to the satisfaction of the consumer and...

15/6/1 (Item 1 from file: 624)  
00880254  
CON ED OFFERS INTERNET BILL PAYMENT; LETS BIG USERS SEE MULTIPLE ACCOUNTS  
August 14, 1997  
WORD COUNT: 274

15/6/2 (Item 1 from file: 636)  
03388894 Supplier Number: 46972720 (USE FORMAT 7 FOR FULLTEXT)  
CHEKFAXX: ChekFaxx offers secured Internet payment system, WebChek  
Dec 16, 1996  
Word Count: 738

15/6/3 (Item 2 from file: 636)  
03380230 Supplier Number: 46954378 (USE FORMAT 7 FOR FULLTEXT)  
BROWSING THROUGH "BARNETT TOWN"  
Dec 9, 1996  
Word Count: 161

15/6/4 (Item 3 from file: 636)  
02989597 Supplier Number: 46097824 (USE FORMAT 7 FOR FULLTEXT)  
HOTNEWS PRODUCT BRIEFS  
Jan 29, 1996  
Word Count: 707

15/6/5 (Item 4 from file: 636)  
02618842 Supplier Number: 45300190 (USE FORMAT 7 FOR FULLTEXT)  
American Express Co. is going on-line  
Jan 31, 1995  
Word Count: 115

15/6/6 (Item 5 from file: 636)  
01661654 Supplier Number: 42615399 (USE FORMAT 7 FOR FULLTEXT)  
ARKANSAS SOFTWARE SUPPORTS CHECK-ONLY PROCESSING.  
Dec 26, 1991  
Word Count: 128

15/6/7 (Item 1 from file: 47)  
03311946 SUPPLIER NUMBER: 07906271 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Social Security numbers and other telling information.  
Fall, 1989  
WORD COUNT: 3739 LINE COUNT: 00286

15/6/8 (Item 1 from file: 635)  
0682772 96-39997  
Banking on your personal computer: Services expand for both home and  
business users  
PUBL DATE: 960300  
WORD COUNT: 2,892

15/6/9 (Item 1 from file: 570)

01017316 Supplier Number: 40040773  
**New on-line payment processing services offered**  
May, 1987

? show files;ds

File 610:Business Wire 1999-2006/May 17

(c) 2006 Business Wire

File 613:PR Newswire 1999-2006/May 17

(c) 2006 PR Newswire Association Inc

File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30

(c) 1999 PR Newswire Association Inc

File 387:The Denver Post 1994-2006/May 16

(c) 2006 Denver Post

File 471:New York Times Fulltext 1980-2006/May 17

(c) 2006 The New York Times

File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06

(c) 2002 Phoenix Newspapers

File 494:St LouisPost-Dispatch 1988-2006/May 15

(c) 2006 St Louis Post-Dispatch

File 631:Boston Globe 1980-2006/May 16

(c) 2006 Boston Globe

File 633:Phil.Inquirer 1983-2006/May 14

(c) 2006 Philadelphia Newspapers Inc

File 638:Newsday/New York Newsday 1987-2006/May 12

(c) 2006 Newsday Inc

File 640:San Francisco Chronicle 1988-2006/May 17

(c) 2006 Chronicle Publ. Co.

File 641:Rocky Mountain News Jun 1989-2006/May 17

(c) 2006 Scripps Howard News

File 702:Miami Herald 1983-2006/May 15

(c) 2006 The Miami Herald Publishing Co.

File 703:USA Today 1989-2006/May 16

(c) 2006 USA Today

File 704:(Portland)The Oregonian 1989-2006/May 15

(c) 2006 The Oregonian

File 713:Atlanta J/Const. 1989-2006/May 14

(c) 2006 Atlanta Newspapers

File 714:(Baltimore) The Sun 1990-2006/May 17

(c) 2006 Baltimore Sun

File 715:Christian Sci.Mon. 1989-2006/May 17

(c) 2006 Christian Science Monitor

File 725:(Cleveland)Plain Dealer Aug 1991-2006/May 16

(c) 2006 The Plain Dealer

File 735:St. Petersburg Times 1989- 2006/May 14

(c) 2006 St. Petersburg Times

File 476:Financial Times Fulltext 1982-2006/May 18

(c) 2006 Financial Times Ltd

File 477:Irish Times 1999-2006/May 17

(c) 2006 Irish Times

File 710:Times/Sun.Times(London) Jun 1988-2006/May 17

(c) 2006 Times Newspapers

File 711:Independent(London) Sep 1988-2006/May 17

(c) 2006 Newspaper Publ. PLC

File 756:Daily/Sunday Telegraph 2000-2006/May 17

(c) 2006 Telegraph Group

File 757:Mirror Publications/Independent Newspapers 2000-2006/May 17

(c) 2006

File 13:BAMP 2006/May W1

(c) 2006 The Gale Group

File 56:Computer and Information Systems Abstracts 1966-2006/May

(c) 2006 CSA.

File 75:TGG Management Contents(R) 86-2006/May W1

*full text  
NPL files-4*

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Set	Items	Description
S1	8274152	PAYMENT? ? OR PAY??? OR COLLECTION? ? OR REMIT? ? OR REMIT-T? OR DISBURS? OR REMUNERATION? ? OR RENUMERATION? ? OR WRIT? - ??
S2	1781725	CHECK??? OR CHEQUE? ? OR CYBERCHECK? OR CYBERCHEQUE? OR ECHECK? ? OR ECHEQUE? ? OR WEBCHECK? OR WEBCHEQUE? OR DIGICHECK? OR DIGICHEQUE? OR (DEBIT OR CHECK OR CHEQUE) () CARD? ? OR DEBITCARD? ? OR CHECKCARD? ? OR CHEQUECARD? ?
S3	6241347	CYBER OR CYBERSPACE OR VIRTUAL OR INTERNET OR WEB OR WORLD-WIDE??? OR WIDWEB OR HOME() (PAGE? ? OR SITE? ?) OR WEBPAGE? ? OR HOMEPAGE? ? OR WEBSITE? ? OR NETWORK OR ONLINE OR ON() LINE
S4	45735	<del>(UNIQUE OR CUSTOMER? ? OR SOCIAL() SECURITY OR RESERVED OR ASSIGN?? OR DISTINGUISHING OR PECULIAR?) () (IDENTIFIER? ? OR IDENTIFICATION OR NUMBER? ?) OR DRIVER? ?() LICENSE? ? OR SSN</del>
S5	359846	(PHONE OR TELEPHONE OR HOMEPHONE OR WORKPHONE) () NUMBER? ? - OR PHONENUMBER? ?
S6	13983	(BANK OR BANQUE OR ACCOUNT OR TRANSIT OR ROUTING) () (NUMBER? ? OR CODE? ?)
S7	4085	S3(10N) (S1(3N) S2)
S8	96	S4(10N) S5(10N) S6
S9	0	S7(S) S8
S10	16	S2(S) S3(S) S4(S) S5(S) S6
S11	52	S7(S) (S4 OR S5 OR S6)
S12	66	S10 OR S11
S13	8	S12 NOT PY>1998
S14	6	S13 NOT PD=19980204:20060631
S15	6	RD (unique items)

15/3,K/2 (Item 1 from file: 492)  
DIALOG(R)File 492:Arizona Repub/Phoenix Gaz  
(c) 2002 Phoenix Newspapers. All rts. reserv.

09002045

**IN BRIEF**

Arizona Business Gazette (AB) - Thursday, January 2, 1997  
Edition: Weekly Section: High Technology Page: 17  
Word Count: 87

**TEXT:**

CHEKFAXX DEVELOPMENT CORPORATION INC.

Announced new **Internet check - writing** software WebChek.(R) The software provides an interactive purchase order system for users who don...

... program, which can be viewed in demonstration mode at [www.chekfaxx.com](http://www.chekfaxx.com), verifies the bank **routing numbers** and magnetic characters at the bottom of the check, and sends information as encrypted data...

15/3,K/6 (Item 1 from file: 13)  
DIALOG(R)File 13:BAMP  
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00546809 Supplier Number: 23599930

**Worry-free Web shopping**

(Internet superstore Azteq Direct offers a debit card account to customers who can use it like an ATM transaction)

Success, v 43, n 6, p 56

August 1996

DOCUMENT TYPE: Journal ISSN: 0745-2489 (United States)

LANGUAGE: English RECORD TYPE: Abstract

**ABSTRACT:**

...set up a debit card account. Azteq takes down their credit card information, address and **phone number**, and assigns them a card with an 11-digit serial number. Customers can then choose...

...Brien, the creator of this debit card idea, started another quest, in which customers can **write checks** on the **Web**, simply and safely. O'Brien has created a blank-check template on Azteq Direct with...



15/6/1 (Item 1 from file: 387)  
00301410 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**US West in high-speed data network venture**  
Tuesday, March 28, 1995  
Word Count: 365

15/6/2 (Item 1 from file: 492)  
09002045  
**IN BRIEF**  
Thursday, January 2, 1997  
Word Count: 87

15/6/3 (Item 1 from file: 640)  
08097030  
**PEARL JAM PERMITS EXPECTED OUTDOOR SHOW CONCERNS POLICE**  
FRIDAY, April 7, 1995  
Word Count: 481

15/6/4 (Item 1 from file: 641)  
09190022  
**PAINLESS WAYS TO SAVE FOR A DOWN PAYMENT SIMPLE STEPS TO PUT YOU IN A HOME  
OF YOUR OWN**  
Wednesday, July 9, 1997  
Word Count: 435

15/6/5 (Item 1 from file: 713)  
07629201  
**HOLLYWOOD TENNESSEE CROOK AND CHASE, AMBASSADORS FOR NASHVILLE'S GLITZY NEW  
IMAGE, OVERSEE 90 MINUTES OF '90S COUNTRY ON 'MUSIC CITY TONIGHT'**  
Sunday May 8, 1994  
Word Count: 2,138

15/6/6 (Item 1 from file: 13)  
00546809 Supplier Number: 23599930  
**Worry-free Web shopping**  
August 1996

03436478/9

DIALOG(R) File 636:Gale Group Newsletter DB(TM)

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03436478 Supplier Number: 47079952 (THIS IS THE FULLTEXT)

**NCR: Smart & Final selects NCR to upgrade POS system to open, NT-based platform**

M2 Presswire, pN/A

Jan 31, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 521

TEXT:

M2 PRESSWIRE-31 January 1997-NCR: Smart & Final selects NCR to upgrade POS system to open, NT-based platform (C)1994-97 M2 COMMUNICATIONS LTD

RDATE:290197

Smart & Final, the largest warehouse grocery chain in the United States, has selected NCR to upgrade their stores' point-of-sale system to an open, NT-based system that will improve customer service and offer flexibility to address future business needs. NCR will replace Smart & Final's current checkout system with NCR's retail POS terminals, peripherals and NCR's Advanced Checkout Solution store automation software.

"We chose NCR because of our strong ten-year relationship and their commitment to deliver the most advanced, end-to-end, NT-based POS solution. Advanced Checkout Solution (ACS) will easily integrate into our retail store environment," explained Robert Graham, Smart & Final's director of store systems. "And, the NT platform will enable us to take advantage of the vast array of off-the-shelf applications, reducing application development costs."

"We believe the new system will revolutionize POS processing in our industry much in the same way Intel and Microsoft have revolutionized the power of home computing," Graham said.

To support high availability for Smart & Final's electronic payment and online check authorization system, NCR and Plourde Computer Services, Inc. have partnered to integrate PaymentMaster electronic payment software with NCR's store automation software.

"As the leading provider of NT solutions to the food industry, NCR is helping Smart & Final to better serve their customers by introducing the next generation POS checkout system and better integrated store technology," said Frank Farrell, NCR vice president, Retail Systems, The Americas.

Initial installation will begin in April in a Los Angeles-area Smart & Final store. The new checkout system will include NCR's PC-based POS terminals with graphical, color DynaKey displays, bi-optic scanners, electronic signature capture terminals, thermal printers, servers, systems and support services, and NCR's Advanced Checkout Solution store automation software with enhanced electronic payment functionality, on an NT platform.

ACS is an end-to-end store automation application developed specifically for checkout environments and designed around open systems architecture and technology. Available for both UNIX and Windows NT environments, ACS allows grocers to easily add on more advanced NCR technology, including POS terminals and peripherals and other hardware and software platforms. ACS extends the versatility of NCR's Advanced Store platform for grocery chains, hypermarkets, drug stores and warehouse clubs. Currently, the store automation platform supports six checkout applications and is installed in more than 2,000 customer sites.

Smart & Final Headquartered in Los Angeles, Smart & Final operates more than 170 non-membership warehouse grocery stores in California, Arizona, Nevada, Florida and Mexico. The company also operates two food service distribution businesses located in South Florida and Northern California.

NCR NCR Corporation's computer systems, store automation, banking

systems, consulting and support services are used by customers in more than 130 countries around the world.

NCR's Retail Systems Group, headquartered in the greater Atlanta, Ga. area, is a leading provider of store automation and data warehousing solutions to retailers worldwide.

CONTACT: Connie Olasz, NCR Tel: +1 770 623-7340 e-mail:  
connie.olasz@atlantaga.ncr.com

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Box 505, Coventry, England CV2 5YA. Phone 44-1203-634700.

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PUBLISHER NAME: M2 Communications

INDUSTRY NAMES: BUSN (Any type of business); INTL (Business, International)  
?

806590/9

DIALOG(R) File 813:PR Newswire

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0806590

SF016

**THE CHECKFREE WALLET ENABLES SECURE INTERNET PURCHASES**

DATE: April 10, 1995

20:02 EDT

WORD COUNT: 959

COLUMBUS, Ohio, April 10 /PRNewswire/ -- Checkfree Corporation, the nation's leading provider of electronic payment services, announced today that it has developed a secure, inexpensive and easy-to-use Internet transaction product called The CheckFree Wallet(TM).

Available to users of the World Wide Web, the fastest-growing segment of the Internet, The CheckFree Wallet enables consumers to purchase goods and services from on-line merchants in a safe, convenient and familiar manner. Initially, purchases may be paid for by major credit card. Eventually, The CheckFree Wallet will accommodate electronic checks as well.

Unlike current Internet payment schemes, The CheckFree Wallet does not require prior registration with merchants. Nor does it mandate pre-conversion of funds to proprietary (and potentially illiquid) "electronic cash." And on-line shoppers pay no fees or transaction service charges with the safe, convenient product.

"The CheckFree Wallet is as easy to use as an ATM," says Pete Kight, founder and CEO of Checkfree. "It provides a unique and much needed service to consumers and merchants alike. And best of all, The CheckFree Wallet does not require anyone to alter the way they now do business."

**Shopping on the Web**

Just as they do in an actual mall, on-line consumers can browse the thousands of electronic storefronts now established on the World Wide Web. After viewing merchandise and making selections, consumers pay for purchases as they leave each store. Most merchants accept all major credit cards. Electronic checks, which will be added to The CheckFree Wallet in coming months, will enable shoppers to pay for purchases with funds from their checking account at any U.S. financial institution.

The CheckFree Wallet system takes the place of a clerk at an actual mall and/or an operator at a telemerchant. Instead of handing a plastic card to a clerk or reading an account number and expiration date over the phone to an operator, the on-line shopper enters an alphanumeric password to open an on screen wallet and select an available payment option. After reviewing order information, such as size, color, quantity and cost of goods, the on-line shopper clicks a "pay" button to complete the transaction.

At the point of purchase, the customer's order is transmitted to the merchant for fulfillment. Because their shipping address and other information are already encrypted and stored in The CheckFree Wallet, shoppers do not have to fill out lengthy order forms every time they make a purchase or visit an electronic storefront.

Payment instructions are transmitted to Checkfree for decryption,

authorization and processing. Once a payment is authorized, funds are debited from the customer's credit card (or, soon, checking) account and credited to the merchant's account -- the very same steps that occur in a face-to-face or telephone transaction.

"The beauty of this system is that neither the merchant nor the shopper is forced to learn new payment methods," says Kight. "The CheckFree Wallet enables retailers and their customers to use their familiar payment instruments, checks and credit cards, with complete security and absolute convenience in the new and exciting on-line marketplace."

#### Cooperatively Developed

The CheckFree Wallet was developed cooperatively by Checkfree; Spyglass Inc., licensor of Enhanced Mosaic(TM), a leading Web browser; Tandem Computers; and Virtual Open Network Environment Corp. (V-ONE), a leader in Internet security systems.

The CheckFree Wallet is now being integrated into the Spyglass Enhanced Mosaic(TM) browser version 2.1, which will be available this summer. Merchant servers must be Checkfree-enabled to accept payments. Server enabling software will be readily available this summer.

#### Open System

The World Wide Web Consortium is currently reviewing a standard for transaction protocols. The CheckFree Wallet integrates easily into HTML browser packages, HTTP-D server systems, and existing retail order and fulfillment systems. Checkfree's mission is to create an open, affordable system for Internet transactions. To that end, The CheckFree Wallet accommodates all existing standards, and will also incorporate all emerging standards adopted by the World Wide Web Consortium (W3C) as they become finalized.

Application Program Interface (API) information and technical specifications for The CheckFree Wallet will be available on the Checkfree home page ~<http://www.checkfree.com> beginning in May.

#### Web Merchants

With an estimated two million people now browsing, the World Wide Web is already as popular as the leading commercial on-line service, and its popularity is skyrocketing. Though on-line merchants rang up sales of \$200 million last year, one expert, Richard K. Crone, senior analyst for Peat Marwick in Los Angeles, predicts sales will top \$1 billion within a year. By the end of the decade, Crone expects between 10 and 25 percent of the world's products to be bought and sold on-line.

#### About Checkfree

In 1994, Checkfree Corporation processed more than \$6 billion in payments for consumers and corporate clients, with more than one million businesses benefiting from its services. Headquartered in Columbus, Ohio, the privately held company employs 370 full-time associates. Checkfree was founded in 1981.

Current Checkfree electronic bill payment licensees in the personal computer software and electronics industries include Block Financial Software, Computer Associates, Intuit and SmartPhone Communications.

Financial institutions/organizations served by Checkfree Corporation include MasterCard International; Chemical Bank of New York; Centura Bank; Signet Bank; Wells Fargo; Chevy Chase Bank; Comerica; Crestar; Space Coast Credit Union; First Interstate Bank; Dearborn, (MI.) Federal Credit Union; IBAA; Prodigy's Bill Pay USA Service; and USAA.

Corporations served by Checkfree's commercial services division include CompuServe, GENie, Delphi, Reality Technologies, PSI/Pipeline, NetCom, Spry, Optigon, Cellular One and a host of other companies involved with interactive, mobile communications, and Internet access services.

CONTACT: Jennifer Sims, 415-904-7070, ext. 275, or  
~jsims accesspr.com , or Kathy Tom, 415-904-7070, ext. 274, or  
~ktom accesspr.com , both of Access Public Relations, for Checkfree

COMPANY NAME: CHECKFREE CORP.

PRODUCT: COMPUTER, ELECTRONICS (CPR); BANKING, FINANCIAL SERVICES  
(FIN)

DESCRIPTORS: NEW PRODUCTS & SERVICES (PDT)

STATE: OHIO (OH)

SECTION HEADING: BUSINESS; TECHNOLOGY

?

08345819/9

DIALOG(R) File 148:Gale Group Trade & Industry DB  
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08345819 SUPPLIER NUMBER: 17826782 (THIS IS THE FULL TEXT)  
**Progressive Grocer Sourcebook '96. (Special Supplement) (Buyers Guide)**

Progressive Grocer, v74, n12, pS3(45)

Dec, 1995

DOCUMENT TYPE: Buyers Guide ISSN: 0033-0787 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 21236 LINE COUNT: 01938

ABSTRACT: The Progressive Grocer Sourcebook '96 is divided into technology, equipment and supplies, marketing and services sections. Each of these sections has sub-sections with company names listed in alphabetical order. The addresses, telephone numbers, contact person and fields of operation of these companies are also included. A product showcase and company index is also included.

TEXT:

\* CATEGORY MANAGEMENT SYSTEMS

ALH Group, Incorporated 609 John Street Manhattan Beach, CA 90266 PHONE: (310) 376-1016 FAX: (310) 376-5961 CONTACT: Bill Alton, National Sales Manager  
COMPANY DESCRIPTION: A decision support, analysis and planning system targeted at supporting the implementation of Category Management for the retail industry. WinCMS improves merchandising decisions by facilitating access to company and syndicated scan data. Comparisons of measures, stores, markets, products, categories, etc., are shown as exceptions and/or ranked in tables, graphs and charts. Area, bar, line, pie, 3D charts, and quad plots can be displayed. Modules include Category Management, Promotion, Pricing, Product Selection, Business Reviews, and Space Management. Quadrant Analysis, Exception Reporting, Selection & Color By Value and the Pricing Planner are the newest WinCMS features.

efficient market services (ems), inc. 106 Wilmot Road, Suite 300 Deerfield, IL 60015 PHONE: (708) 205-7800 FAX: (708) 267-1900 CONTACT: Mike Spindler, Exec. VP of Client Services SPECIALIZATION: Only CPG information supplier that provides complete, store-by-store, all-item movement and causal data for forecasting & monitoring normal turn and promoted retail sales. ADDITIONAL SERVICES: ECR-services based on ems "Operational Information" that include new item tracking, in-store promotion evaluation/testing, scan promotions & ECR partnership programs for DSD, CAO and manufacturer managed replenishment. CLIENTS: Kroger, HEB, Pathmark, Bruno's, ACME, other retailers and hundreds of leading CPG companies. COMPANY STATEMENT: ems electronically supplies supermarket retailers and CPG companies with complete, accurate, timely, consistent and actionable sales information on all items sold at each retail store every day.

Integrated Software 475 Park Avenue South New York, NY 10016-6901 PHONE: (212) 545-0110 FAX: (212) 545-0198 COMPANY STATEMENT: Retail ADvantage(TM) is the most compelling, cost-effective solution available for automating the production of retail ads, circulars, in-store signage and catalogs.

By linking Merchandising and Advertising, Retail ADvantage(TM) leads to more effective merchandising strategies, Efficient Customer Response and improved Category Management. It ensures price maintenance for your circular, sign, and POS prices. It lets you do unlimited price versioning by market, language, and buyer demographics. It also lets you do item substitution for markets, produce custom catalogs, and conduct incremental sales analysis.

JDA Software, Inc. 11811 N. Tatum Boulevard, Suite 2000 Phoenix, AZ 85028 PHONE: (602) 404-5500 FAX: (602) 404-5520 CONTACT: Marc R. Davis  
SPECIALIZATION: JDA is a premier provider of solutions for the Retail

Industry. JDA offers tools for Category Analysis, Promotion Planning, Pricing, Inventory Management Assortment Planning, Computer-Assisted Ordering and Market Basket Analysis. Additionally, JDA offers Financial Applications, including Rebate Management and Activity-Based Costing. An Executive Information System is also available for accessing key performance data. ADDITIONAL SERVICES: JDA also has a full complement of services available to ensure a successful implementation. These include Project Management, Training, Conversion Assistance, and Implementation Support. CLIENTS: Included are Genuardi Supermarkets, F.W. Albrecht, United Supermarkets, Supervalu, Provigo, Food Pantry, Super America, Circle K Corporation, Fresh Fields, Del Ray Farms, Minit Mart Foods and Petro-Canada.

Lucas-Bear 7111 Valley Green Road Ft. Washington, PA 19034 PHONE: (215) 836-5161 FAX: (215) 836-2305 COMPANY STATEMENT: Lucas-Bear, an international software company, designs and supports software to meet sophisticated forecasting, inventory planning and replenishment needs of manufacturers, distributors and brokers. Lucas-Bear publishes Demand Forecasting, Inventory Planning, Quick Response Stock Replenishment and Continuous Replenishment. The forecasting applications are designed to provide statistical forecasts that assist management in providing a reliable estimate of future sales and compute time-phased inventory replenishment rules. The replenishment systems are an essential ingredient of Efficient Consumer Response allowing manufacturers to increase service levels and inventory turns and realize a decrease in inventory levels.

\* CHECK CASHING SYSTEMS

JTS ChequeOut Solutions 30 Corporate Woods, Suite 350 Rochester, NY 14623 PHONE: (716) 273-6138 FAX: (716) 273-6140 CONTACT: Bill Sargent SPECIALIZATION: Software for retail industry for check cashing and collection systems, Micro Marketing. ADDITIONAL SERVICES: Custom software development for in-store EFT & Micro Marketing programs. PRODUCT DESCRIPTION: ChequeOut+ is a card based financial transaction and database marketing application providing for paper and electronic check authorization, credit and debit card processing, and a detailed Customer Information File.

Marketing capabilities include user defined promotions, time defined "points programs," demographic mapping and support to electronic couponing. The database allows for extensive analysis and reporting of promotions to facilitate evaluation of the program once complete. Promotions can be defined at the UPC, department or category level and can be analyzed against user defined demographic attributes such as neighborhood, household or individual shopper.

Telecheck Services, Inc. 5251 Westheimer Houston, TX 77056 PHONE: (800) 884-3700 FAX: (713) 599-7854 CONTACT: Tom Burnside, Nat'l Mgr. Grocery Industry COMPANY STATEMENT: TeleCheck, the world's largest check acceptance company, has helped more than 150,000 merchants accept checks simply and safely. TeleCheck eliminates the risk of accepting bad checks by providing access to the industry's largest positive and negative databases, while maintaining the highest check acceptance rate in the industry.

\* COIN/CURRENCY HANDLING

Magner Corporation 41 West Street Middlefield, CT 06455-0456 PHONE: (800) 243-2624 FAX: (203) 349-1257 CONTACT: William Donahue SPECIALIZATION: A leader in the Money Processing Industry providing total solutions for retail customers. From stand alone coin sorters, coin packagers and currency counters to integrated cash settlement systems. Specializing in streamlining cash reconciliation and speeding deposit processing for retailers of all sizes.

\* DISTRIBUTION LOGISTICS

Advanced FoodSystems, Inc. 7227 N. 16th Street, Suite 118 Phoenix, AZ 85020 PHONE: (602) 371-4500 FAX: (602) 371-4511 CONTACT: Leslie Lerman COMPANY STATEMENT: Providing FoodDISTRIBUTE, the leading UNIX Distribution and Financial System, used by food distributors from \$20 million to over \$1 billion. Documented ECR benefits. Rich in functionality, flexibility from extensive user-definability and integrated post-relational database manager.



Client-server, Executive Information System, RF and integrated EDI options. Implementation services, training, support, customization, documentation provided. Annual User Group Conference.

Distribution Architects International, Inc. 905 East Westchester Tempe, AZ 85283-2938 PHONE : (416) 502-1725 FAX: (416) 502-1732 CONTACT: John Gradowski COMPANY STATEMENT: Distribution Logistics and Retail Software Solutions: Software - Consulting - Implementation ... since 1976. Host Centric and Client Server on Mini and PC platforms OVMS, UNIX, AS400 for Distribution - NT for Retail Store. TRADITIONAL PRODUCT - LOGISTICS Mid to large size CGM, Wholesale & Self Dist Retail clients. Specialists in inter channel VMI and CRP practices. EDI, RF, paperless world, with intra-enterprise Xfunctional integration and optimization.

A fully integrated family of modules for all facets of food distribution and logistics, including: strategic planning, forecasting/reqmts, sales, inventory, warehouse, transportation, financials and analysis suite. NEW PRODUCT - RETAIL STORE (2nd Qtr '96) Early Adopter Program Available See Listing Under "In Store Management Systems"

E3 Associates, Ltd. 1800 Parkway Place, Suite 600 Marietta, GA 30067 PHONE: (770) 424-0100 FAX: (770) 424-0050 CONTACT: Lloyd Graham SALES OFFICE: 5842 Edson Lane, Rockville, MD 20852-2934 SPECIALIZATION: E3 Associates provides advanced purchasing and inventory management software, consulting services and other support to chains, wholesale food companies and food servicers worldwide for over 15 years. ADDITIONAL SERVICES: E3 offers three products to customers: E3TRIM, a Smarter Buying system for DC replenishment; E3SLIM, a store-level replenishment system for chains; and E3CRISP, a supplier-managed inventory management solution. In addition to these product offerings, the company provides the education and support needed to assure success within the system. CLIENTS: More than 50 wholesale and retail food companies in North America. Please call for a reference list.

FourGen Software, Inc. 115 N.E. 100th Street Seattle, WA 98125 PHONE: (800) 333-4436, (206) 522-0055 FAX: (206) 522-0053 COMPANY STATEMENT: FourGen can help your organization achieve ECR through improved distribution management. FourGen's Supply Chain Management applications are part of the total client/server business solution provided by FourGen Enterprise, which enables you to modify your software as quickly as your business needs change. Utilizing technologies such as EDI, electronic commerce, and RF scanning, FourGen helps you improve the speed and accuracy of product ordering and distribution, create continuous replenishment and paperless warehouse environments, and ultimately improve customer service and increase sales. The Supply Chain Management suite - Inventory Control, Order Entry, Inventory Replenishment, and Purchasing - integrates with FourGen's Enterprise Financial applications. FourGen's decision-support and analysis tools include: Sales Analysis, Financial Analysis, Inventory Replenishment Manager, Warehouse Manager, Budget Manager, and Credit Manager. Utilizing a visualization interface, these decision-making tools allow managers to access and utilize the information stored in FourGen's Data Warehouse to identify

OMI international, Inc. 1501 Woodfield Road 1600 Promenade Center Suite 100 West 12th Floor Schaumburg, IL 60173 Richardson, TX 75080 PHONE: (708) 517-1116 PHONE: (214) 231-0484 FAX: (708) 517-1138 CONTACT: Richard C. Oksanen CONTACT: James L. Meece COMPANY DESCRIPTION: OMI Systems 90's Total Integrated Logistics includes: CRP, real-time decision support modules, statistical forecasting, allocation/load building, recommended PO review, integrated alternate sourcing, inbound tracking, receiving, cross docking, live dock, directed putaway, labor management, item tracking, warehouse/store transfers, vendor invoice reconciliation, store invoicing/retail pricing, and ABC cost plus management. It is ECR compliant. HARDWARE: UNIX; IBM AS/400 or Mainframe 3xxx or larger. OPERATING SYSTEM: DOS, MVS,, and AIX or UNIX. ACTIVE USERS: 300 distribution centers in the US, Canada, and Australia. INSOURCING & OUTSOURCING MANAGEMENT ARRANGEMENTS

\* ELECTRONIC PAYMENT SYSTEMS

Applied Communications, Inc. (ACI) 330 South 108th Avenue Omaha, NE 68154-2684 PHONE: (402) 390-7600 FAX: (402) 330-1528 CONTACT: Renae Meyer, Industry Marketing Manager COMPANY STATEMENT: ACI offers proven electronic payment software solutions which include a configurable suite of retail products designed to centralize authorization and capture all payment types at the point of sale. Modules include debit and credit, check authorization, check collections, frequent shopper, refunds authorization, gift certificate authorization, card issuance, fraud management, EBT, cash dispensing, and data collection and distribution. ACI's products easily interface with most standard in-store systems, providing a seamless system integration. You can use dial-up or leased lines, async or bisync, polling with NACs, VSAT satellite, X.25 or other WAN topologies. ACI's full line of flexible retail solutions provides the reliability and high performance required for today's competitive retail environment.

BancTec Payment Systems 888 Executive Center Drive West, Suite 200 St. Petersburg, FL 33072 PHONE: (813) 579-9910 FAX: (813) 579-7600 CONTACT: Bob O'Keefe COMPANY DESCRIPTION: Established in 1978, our products cover the entire payment life cycle and offer complete "end-to-end" payment solutions. BPS provides sophisticated online credit, debit, and check authorization systems that enable retailers to provide convenient payment options, while reducing their losses. Large retail chains, grocery chains, and merchant acquiring banks use BPS's payment processing systems to manage their electronic payments.

Checkmate Electronics, Inc. 1003 Mansell Road Roswell, GA 30076 PHONE: (770) 594-6000 FAX: (770) 594-6006 CONTACT: Lloyd Baylard SPECIALIZATION: Check Readers, ATM/Debit Terminals, Signature Capture Devices ADDITIONAL SERVICES: Total Care, Deployment, Maintenance, and Support Services CLIENTS: Federated Systems Group, JCPenney, Kmart, Walgreens, Winn Dixie, Circuit City, and many other industry leaders COMPANY STATEMENT: Checkmate Electronics, Inc. develops, manufactures and markets point-of-sale payment automation systems and terminals, including check readers, payment authorization systems, signature capture devices and MICR analyzers to distributors, retailers, and financial service institutions. Headquartered in Roswell, GA, Checkmate Electronics, Inc., has 168 employees. Checkmate has recently been ranked the 17th fastest growing small company in the United States by Business Week.

Concord EFS 2525 Horizon Lake Drive #120 Memphis, TN 38133 PHONE: (800) 238-7675 FAX: (901) 371-8113 CONTACT: Tracy Walker SALES OFFICES: Memphis, TN; Elk Grove, IL PHONE: (800) 533-2044 SPECIALIZATION: Concord EFS provides authorization, data capture, settlement and sponsorship for financial transactions, including credit and debit. Concord EFS has multiple integrated solutions available for front end applications. ADDITIONAL SERVICES: EBT Switching, Nationwide Check Authorization COMPANY STATEMENT: Concord EFS has been a leading processor of electronic payment services since 1970. Our services are endorsed by the National Grocers Association and leading wholesalers nationwide.

PayPoint Electric Payment Systems, Inc. 221 South Figueroa Street, 5th Floor Los Angeles, CA 90012-2552 PHONE: (213) 486-0707 FAX: (213) 486-3840 CONTACT: Ken L. Boekhaus, VP, Marketing & Sales COMPANY STATEMENT: PayPoint is one of the nation's leading processors of electronic payments, including all credit and T & E cards, bank ATM cards, EBT and check authorization. A number of major supermarkets are counted as satisfied customers. A subsidiary of a Fortune 50 retailer, PayPoint works with their customers to tailor solutions to meet their specific requirements.

S2 Systems, Inc. 15301 Dallas Parkway Dallas, TX 75248-4683 PHONE: (214) 458-3800 FAX: (214) 458-3876 COMPANY DESCRIPTION: S2's electronic payment application allows customers a choice of various payment options including credit cards, debit, and checks. Check Management allows check verification on either a positive or exception basis, monitoring the velocity and payment history of customers. Electronic banking allows you to offer the convenience of in-store banking terminals and ATMs. Retail pharmacy applications include

claims processing, drug utilization review, and on-line adjudication.

SPS Payment Systems, Inc. 2500 Lake Cook Road Riverwoods, IL 60015 PHONE: (708) 405-3600 FAX: (708) 405-4856 CONTACT: Steve Maxwell, National Sales Director COMPANY STATEMENT: SPS Payment Systems, Inc. (SPS) provides tailorable solutions for credit/debit card and check transaction processing. Through our alliances established w/key industry POS/FPS hardware & software providers, SPS delivers flexible platform solutions. Several options for network communications are offered: dial-up, ISDN, lease line and satellite. Other value-added services include a 24-hour Help Desk, comprehensive installation and maintenance service programs, and terminal management support. SPS Payment Systems, Inc. (SPS), is a majority-owned subsidiary of Dean Witter, Discover & Co. SPS' outsourcing services include electronic transaction processing, private label credit, commercial account management, operational outsourcing and electronic marketing. CLIENTS: Hannaford Brothers, Kroger Indiana, K-V-A-T Food Stores, Royal Farms

\* HAND-HELD TERMINALS

Telxon Retail Technology Group 3330 West Market Street Akron, OH 44333 PHONE: (216) 867-3700 FAX: (216) 873-2022 CONTACT: James E. Traxler, V.P. Retail Marketing, (800) 800-8001 STATEMENT: Telxon provides a new revolutionary retail information and operational concept, "The Wireless Store." The wireless store provides the platform for wireless POS, portable point-of-sale and real time in-store merchandise management applications. Telxon solutions provide for enhanced customer service, price integrity, improved operational performance and the management of merchandise information solutions through wireless real-time interactive solutions. FEATURING: The Retail Technology Group (RTG), a subsidiary of Telxon Corporation, provides seamless wireless connectivity between POS terminals, scales, printers and other in-store system devices and the store processor. The robust wireless network will support all standard platforms and interfaces. SERVICES: The Retail Technology Group provides consulting services, project management, system integration services and retail solution packages. COMPANY STATEMENT: Telxon Corporation is a leading global manufacturer of wireless and portable tele-transaction systems. The company integrates advanced Portable TeleTransaction Computers (PTCs) with wireless and network communication technology, a wide array of peripherals and application-specific software for its customers in more than 50 countries around the world. Telxon's executive, engineering, marketing and sales offices are headquartered in Akron, OH; its world manufacturing and domestic customer service facilities are located in Houston, TX. Telxon International is headquartered in Brussels, Belgium.

\* HOST-BASED MANAGEMENT SYSTEMS

Advanced FoodSystems, Inc. 7227 N. 16th Street, Suite 118 Phoenix, AZ 85020 PHONE: (602) 371-4500 FAX: (602) 371-4511 CONTACT: Leslie Lerman COMPANY STATEMENT: Providing FoodDISTRIBUTE, the leading UNIX Distribution and Financial System, used by food distributors from \$20 million to over \$1 billion. Documented ECR benefits. Rich in functionality, flexibility from extensive user-definability and integrated post-relational database manager. Client-server, Executive Information System, RF and integrated EDI options. Implementation services, training, support, customization, documentation provided. Annual User Group Conference.

Mibar Software Inc. 4950 Yonge Street, Suite 512 Toronto, ON M2N 6K1 Canada PHONE: (800) 387-9766 FAX: (416) 730-8060 CONTACT: Shaun Minett, President COMPANY DESCRIPTION: MIBAR Software Inc. is the developer and marketer of unique, PC-based, fully-integrated financial management applications customized for the grocery industry. MIBAR Software Inc. has been in the financial systems business for 12 years and our clients include grocery chains with annual sales of up to \$5 billion. SPECIALIZATION: "MIBAR Accounting Software" is a fully-integrated, easy-to-learn and use, PC-based application which automates the stores' manual bookkeeping and accounting processes. MIBAR generates Gross Profit (and other) reports at the store and can transmit data electronically to the head office on a daily and weekly

basis. ADDITIONAL SERVICES: MIBAR Software Inc. provides onsite training, toll-free telephone support and modem support, and annual upgrades; we develop customized interfaces to in-store POS (including IBM 4680, 4684 and the NCR 2127) and DSD applications (including TCI, IMS, MEI and RMS). CLIENTS: Loblaws/National Grocers, Certified Grocers of California, Baker's Supermarkets, Inc., Johnson Super Markets, Inc., Bolands Limited, The Codville Company, C & S Wholesale Grocers, Inc., Oshawa Foods IGA Dealers, Overwaitea Food Group. COMPANY STATEMENT: MIBAR Software Inc. is dedicated to serving the grocery industry - we work with many large and medium-sized grocery organizations across North America and have over 10 years experience in the grocery industry. We work hard to address the specific needs of each of our clients, and to ensure their continued optimum utilization of the software. Our software reflects our commitment to keeping abreast of grocery industry issues, satisfying its current needs, and meeting its future demands and challenges.

\* INVENTORY & PRICING

Advanced FoodSystems, Inc. 7227 N. 16th Street, Suite 118 Phoenix, AZ 85020 PHONE: (602) 371-4500 FAX: (602) 371-4511 CONTACT: Leslie Lerman COMPANY STATEMENT: Providing FoodDISTRIBUTE, the leading UNIX Distribution and Financial System, used by food distributors from \$20 million to over \$1 billion. Documented ECR benefits. Rich in functionality, flexibility from extensive user-definability and integrityu post-relational database manager. Client-server, Executive Information System, RF and integrated EDI options. Implementation services, training, support, customization, documentation provided. Annual User Group Conference.

FourGen Software, Inc. 115 N.E. 100th Street Seattle, WA 98125 PHONE: (800) 333-4436, (206) 522-0055 FAX: (206) 522-0053 COMPANY STATEMENT: FourGen can help your organization achieve ECR through improved inventory management. FourGen's Supply Chain Management applications are part of the total client/server business solution provided by FourGen Enterprise, which enables you to modify your software as quickly as your business needs change. Utilizing technologies such as RF scanning, FourGen's integrated inventory management applications help you create continuous replenishment and paperless warehouse environments. FourGen's Inventory Control application offers features to support multiple-node distribution systems. Material is identified by condition and purpose, ensuring that only top-quality merchandise is available for sale and non-conforming material is properly managed. It can cross reference UPCs and SKUs, with management by category and department. RF terminals reduce paper to the minimum, increase productivity and, with real-time editing, improve database accuracy. FourGen's Inventory Replenishment application provides precise inventory and purchasing information, maximizing inventory usage with minimum investment. It supports multi-node distributions systems with inter-warehouse transfers. A flexible calculation engine enables users to customize calculations for usage rate, order point, line point, and order quantity. It provides usage tracking, replenishment scripts, exception processing, and reporting, and generates purchase requisitions from adjusted buy recommendations. FourGen Enterprise has proven installations at Fortune 1000 sites.

Total Control information (TCI) 5 Park Plaza Suite 300 Irvine, CA 91/2714 PHONE: (714) 476-1122 FAX: (714) 476-1133 CONTACT: David A. Auerbach, VP, Marketing SALES OFFICES: Irvine, CA; Dallas, TX (214) 869-0583; Tampa, FL (813) 933-9328; Fort Lee, NJ (201) 461-2387 SPECIALIZATION: Total Control Information (TCI) is a leader in providing cost effective state-of-the-art retail automation. TCI offers quality inventory, Price and Labor Management software products. Individual modules include: inventory control, price management, communications, direct store delivery, time & attendance, labor forecasting & scheduling and store budgeting. TCI systems run on multiple operating systems and computer platforms.

\* LABOR SCHEDULING/TIME MANAGEMENT

Accu-Time Systems, Inc. (ATS) 420 Somers Road, Box 630 Ellington, CT

06029 PHONE: (203) 870-5000 FAX: (203) 872-1511 CONTACT: Peter C. DiMaria  
COMPANY DESCRIPTION: Accu-Time Systems, Inc. (ATS) offers a comprehensive line of Time & Data Collection Terminals. Open architecture, these "C" programmable terminals are preferred in new and enhanced systems for Time & Attendance, and human resource management. Compatible with the best third party software, ATS' products support all popular Auto technologies like Bar Code, Magnetic Stripe, and others.

Campbell Software, Inc. 1603 Orrington Avenue, Suite 700 Evanston, IL 60201 PHONE: (708) 328-3200 FAX: (708) 328-3459 CONTACT: Tery Underwood, Sales  
COMPANY STATEMENT: Campbell Software, Inc. was formed in early 1989 to develop implementable solutions for work force scheduling and management problems using the most advanced technology and management approaches available. The Campbell staff has extensive experience in mathematical optimization, advanced software design and implementation, training and related consultative services.

Information Marketing Businesses, Inc. 18 Hurley Street Cambridge, MA 02141 PHONE: (617) 864-1115 FAX: (617) 868-3221 E-MAIL: info@imb.com HOME PAGE: <http://www.imb.com> CONTACT: Bill Copeland SPECIALIZATION: Labor Management COMPANY DESCRIPTION: IMB's People-Planner is the leading labor management software package for supermarkets. Store managers can achieve unprecedented levels of profitability and customer service through more accurate sales and labor forecasts, optimal employee scheduling and schedule enforcement with Time & Attendance software and electronic time clocks. People-planner gives managers the tools they need to improve customer service and reduce costs by managing their labor resources more efficiently.

Kronos Incorporated Retail Systems Division 400 Fifth Avenue Waltham, MA 02154 PHONE: (800) 225-1561 ext. 759 FAX: (617) 890-8399 SALES OFFICES: Sales & support offices in US, Canada, Mexico, United Kingdom, independent dealers in 6 continents. SPECIALIZATION: The Kronos Workforce Management System integrates and automates the functions of business forecasting, staffing, scheduling, and time and attendance.

Management Robotics, Inc. 2990 Wilderness Place, Suite 200 Boulder, CO 80301 PHONE: (303) 440-4191 FAX: (303) 440-0757 CONTACT: Bill White  
SPECIALIZATION: Supermarkets and superstore retailers in particular find that SuperSked is the most effective tool to schedule store labor for all departments in a store. SuperSked creates a schedule that maximizes customer service while minimizing costs based on goals and employee constraints you have for each retail location. SuperSked also provides a number of highly integrated system options to improve your effectiveness in managing labor. This approach allows you to integrate information from time & attendance, point-of-sale, and other human resource systems. CLIENTS: The Kroger Company, Safeway, Giant Eagle, Save Mart Supermarkets, Erickson Diversified COMPANY STATEMENT: MRI develops labor forecasting and scheduling products for a variety of retail environments.

Total Control information (TCI) 5 Park Plaza, Suite 300 Irvine, CA 92714 PHONE: (714) 476-1122 FAX: (714) 476-1133 CONTACT: David A. Auerbach, VP, Marketing Sales Offices: Irvine, CA; Dallas, TX (214) 869-0583; Tampa, FL (813) 933-9328; Fort Lee, NJ (201) 461-2387 SPECIALIZATION: Total Control Information (TCI) is a leader in providing cost effective state-of-the-art retail automation. TCI offers quality inventory, Price and Labor Management software products. Individual modules include: inventory control, price management, communications, direct store delivery, time & attendance, labor forecasting & scheduling and store budgeting. TCI systems run on multiple operating systems and computer platforms.

\* NETWORKING SYSTEMS

Hughes Network Systems 11717 Exploration Lane Germantown, MD 20876 PHONE: (301) 428-5500 FAX: (301) 428-1868 COMPANY STATEMENT: Hughes Network Systems (HNS) is the leading supplier of two-way VSATs in the United States. With features such as LAN, inter-networking, and bandwidth on demand, HNS VSATs are particularly well suited for advancement applications in the supermarket

industry. In addition, unique VSAT broadcast capabilities allow for use of video and in-store music in a supermarket environment.

Pioneer Standard 4800 E. 131st Street Cleveland, OH 44105 PHONE: (800) 227-1693 COMPANY STATEMENT: Pioneer Standard and Digital Equipment are engaged in a strategic alliance to develop and deliver solutions to retailers. Working with a variety of software developers and application focused partners, Pioneer builds state of the art technology-based solutions for virtually all segments of retail. Most solutions are based on the open standard compliant Digital products, including point of sale terminals, kiosks, PCs and servers, as well as industry leading Alpha based workstations and servers. In addition to hardware and software, Digital and Pioneer combine to offer the broadest range of services available to retailers today, including maintenance, cost of ownership analysis, network integration and business process re-engineering. Applications are available for point-of-sale, imaging, inventory management, merchandising, shelf management, etc.

\* POINT OF SALE SYSTEMS

EPSON

Epson America, Inc. OEM Division 20770 Madrona Avenue Torrance, CA 90509 PHONE: (310) 787-6300 FAX: (310) 782-5350 E-MAIL: <http://www.epson.com> CONTACT: Gus Reid, Program Manager SALES OFFICES: Nationwide in US, Canada and South America COMPANY STATEMENT: Epson products are known worldwide for their advanced technology, quality, and reliability. All of Epson's retail printers and peripherals are ISO 9001 compliant, meet energy conservation requirements and, with Epson's industry standard ESC/POS(TM) command code set, can be upgraded to meet future requirements quickly and easily. Epson is also one of the original advocates of the OLE standards for retail systems. PRODUCT DESCRIPTION: Epson, one of the first advocates of open architecture (OA) for POS systems, has become the leading provider of printers and components for open PC-based POS systems. Epson's TM-series of printers, designed specifically for PC-POS systems, includes slip, receipt, journal printers and multi-functional, high-speed station printers. Epson's line of retail components includes handheld computers, large touchscreen LCDs, display units, and the new small footprint IT-U375 and T-U950, which combine a custom IBM compatible Intel 486 PC with high-speed station printers. The ITs are extremely compact in design, cross platform compatible, totally expandable, and allow the use of best-of-breed, off-the-shelf peripherals for powerful, cost-effective POS systems. ADDITIONAL SERVICES: For VARs and System Integrators for the Grocery Store industry, Epson provides regional distribution, authorized VAR programs, national advertising, training, authorized service programs, and access to Epson's complete line of products including all retail printers and peripherals, handheld computers, standard and notebook PCs, IC cards, scanners, floppy and optical disk drives, as well as Epson's impact, inkjet and laser printers.

mgv

MGV America, Inc. 900 Ridgefield Drive, Suite 130 Raleigh, NC 27609 PHONE: (800) 849-6482 FAX: (919) 790-8214 CONTACT: Sales Department SALES OFFICES: Raleigh, NC, Toronto, Canada SPECIALIZATION: IBM Point of Sale Platforms, GSA, Supermarket, Chain Sales CLIENTS: Ralph's Grocery, Wegman's Foods, McCarty-Holman Co., Inc., Albertson's, ABCO Foods, A & P, Publix, Minyard Foods, Food Lion, Kroger, & many more... COMPANY STATEMENT: MGV America has earned an international reputation as the leader in retail support systems. MGV's cornerstone marketplace is in the IBM Point of Sale platforms. Our productivity and support tools include: Automated Operator, Disk Optimizer, Screen Saver, Console Security, Test Sequencer, Background Task Manager, Remote Operator Extended Services, ROP Accelerator, Labor Scheduling, Tape Backup, Tax Table Generator, Sign Maker, VTAM & AS/400 Host Connect, and many more including consultant services. MGV also offers The MGV HelpDesk application for all retail POS platforms. The MGV HelpDesk delivers a unique blend of operational and management tools that allows your support team to deliver exceptional customer service. The MGV HelpDesk application is a client

server implementation which supports MS SQL Server, Sybase, and DB/2.2 client server databases. Manuals, graphics, and case based expert system are on-line to assist in problem diagnosis. The HelpDesk application provides an unlimited capacity for reporting, business graphics, and database queries.

(R)Pioneer  
digital

Pioneer Standard 4800 E. 131st Street Cleveland, OH 44105 PHONE: (800) 227-1693 COMPANY STATEMENT: Pioneer Standard and Digital Equipment are engaged in a strategic alliance to develop and deliver solutions to retailers. Working with a variety of software developers and application focused partners, Pioneer builds state of the art technology-based solutions for virtually all segments of retail. Most solutions are based on the open standard compliant Digital products, including point of sale terminals, kiosks, PCs and servers, as well as industry leading Alpha based workstations and servers. In addition to hardware and software, Digital and Pioneer combine to offer the broadest range of services available to retailers today, including maintenance, cost of ownership analysis, network integration and business process re-engineering. Applications are available for point-of-sale, imaging, inventory management, merchandising, shelf management, etc.

SUPERIOR ELECTRIC  
WARNER ELECTRIC

Superior Electric 383 Middle Street Bristol, CT 06010 PHONE: (860) 585-4500 FAX: (860) 582-3784 CONTACT: Michael J. Miga, Sales & Marketing, Voltage Control Products Group SPECIALIZATION: Manufacturer of electronic and electrical components and systems for voltage control and voltage conditioning. Products include: \* STABILINE(R) Voltage Regulators \* STABILINE(R) Power Conditioners \* STABILINE(R) Uninterruptible Power Supplies \* STABILINE(R) Transient Voltage Suppressors/RFI Filters \* LUXTROL(R) Incandescent Light Controls \* LUXTROL(R) HID Light Controls \* POWERSTAT(R) Variable Transformers \* 5-WAY(R) Binding Posts \* SUPERCON(R) Electrical Connectors ADDITIONAL SERVICES: Start-up service, service training and on-site repair and service can be provided depending on the product line. COMPANY STATEMENT: Superior Electric has been designing, manufacturing and marketing voltage control and voltage conditioning equipment since 1938. Today, we offer a complete range of products that provide increasing levels of performance for home, commercial and industrial applications, and are recognized as the industry leader for variable transformers (tradename POWERSTAT(R)). Our advanced STABILINE(R) power conditioning products protect a wide range of sensitive electronics - computers, point of sale systems, LANs, mission-critical loads, etc. - from dangerous fluctuations in utility power, and can provide dependable battery backup in the event of a power failure.

SRS

SYSTECH RETAIL SYSTEMS INC.

Systech Retail Systems 2044 North Highway 360 Grand Prairie, TX 75050 PHONE: (214) 606-0307 FAX: (214) 660-1682 CONTACT: Steve Ward SALES OFFICES: Dallas, TX, Toronto, Ontario CANADA, Montreal, Quebec CANADA SPECIALIZATION: Sales & Service of Re-manufactured Point-of-sale Equipment ADDITIONAL SERVICES: On Site Service, Depot Service, Help Desk, Support, Training, Trade In Assistance, Leasing clients: Retailers of all types and sizes, Third-party Service Organizations, VARs, Resellers, Dealers COMPANY STATEMENT: Systech Retail Systems is one of the largest sales and service companies in North America specializing in remanufactured Point-of-Sale equipment and peripherals of all makes and models, including current and mature product. Our strengths lie in our ability to purchase from end-users who have made the decision to change their systems. This equipment is then remanufactured to original manufacturer standards and specifications and remarketed to end-users, dealers and third-party service organizations at prices significantly less than those available from the manufacturer. We provide our customers with a full range of quality services including depot repair, on-site service, support, help desk, parts sourcing and trade-in assistance. With offices in Dallas, Toronto and

Montreal, we can assist you with all of your P.O.S. needs.

Westrex

International

Westrex International 25 Denby Road Boston, MA 02134 PHONE: (617) 254-1200 FAX: (617) 254-6848 CONTACT: Joe Grimaldi COMPANY DESCRIPTION: US manufacturer of front-end POS hardware. Products include PC-based systems, UNIX-based terminals, receipt/journal/validation printers, kiosk printers, thermal printers, customer pole displays (VFD or LCD), programmable POS keyboards and cash drawers. All products are open to easily integrate with your back-room system and software. SPECIALIZATION: Westrex can customize hardware. ADDITIONAL SERVICES: In-house technical support. CLIENTS: H.E. Butt, Price Chopper Supermarkets

\* SECURITY SYSTEMS

Checkpoint(R)

Checkpoint Systems, Inc. 101 Wolf Drive Thorofare, NJ 08086 PHONE: (800) 257-5540 FAX: (609) 848-0937 CONTACT: Paul Harrington, Director - Domestic Sales SALES OFFICES: Headquarters in Thorofare, NJ Sales representatives located throughout the United States CLIENTS: Bi-Lo, Inc., Lucky Stores, Inc., The Kroger Company, Pathmark Stores, Inc., Price Chopper, Ralph's Grocery Co., Safeway Corporation COMPANY DESCRIPTION: Checkpoint Systems, Inc. offers comprehensive loss prevention solutions for virtually any supermarket application. Checkpoint's broad product line - including variety of sensor styles, disposable security labels, CCTV systems, and POS monitoring systems - provides the flexibility supermarket operators need to control shoplifting and internal theft, increase sales, and improve bottom line profitability. For the ultimate in security, Checkpoint's Impulse(R) source tagging program embeds security labels within products or their packaging at the point of manufacture.

\* SPACE MANAGEMENT SOFTWARE

Kwikee(R) Shelf Management Operations, a Division of: Multi-Ad Services, Inc. 1720 West Detweiller Drive Peoria, IL 61615-1695 PHONE: (800) 447-1950 ext. 360 FAX: (309) 692-5444 COMPANY STATEMENT: Kwikee has expanded our digital capture services to provide industry standard imaging and data for planogramming. Kwikee has a highly trained staff of capture technicians to provide custom capture services. In addition to our custom capture capabilities, Kwikee will be the first to deliver to the industry libraries and supporting databases for specific retail categories. If you are interested in Kwikee's database and imaging capabilities, call us today.

ShelfManager for Windows(R)

Virginia Software, Inc. 13100 Worldgate Drive, Suite 245 Herndon, VA 22070 PHONE: (703) 742-7747 FAX: (703) 742-7750 CONTACT: Catherine McLaughlin, ext. 123 COMPANY STATEMENT: ShelfManager for Windows is an integrated software system which: \* Creates planograms using a variety of databases \* Enters and evaluates sales and product data \* Produces powerful graphics and reports \* Is easy to use without special training \* Is cost effective-our low price includes one database Contact us for your free ShelfManager for Windows demo!

\* WAREHOUSING MANAGEMENT

Advanced FoodSystems, Inc. 7227 N. 16th Street, Suite 118 Phoenix, AZ 85020 PHONE: (602) 371-4500 FAX: (602) 371-4511 CONTACT: Leslie Lerman COMPANY STATEMENT: Providing FoodDISTRIBUTE, the leading UNIX Distribution and Financial System, used by food distributors from \$20 million to over \$1 billion. Documented ECR benefits. Rich in functionality, flexibility from extensive user-definability and integrated post-relational database manager. Client-server, Executive Information System, RF and integrated EDI options. Implementation services, training, support, customization, documentation provided. Annual User Group Conference.

Catalyst(R)

Warehouse Management System

Catalyst International, Inc. 8989 North Deerwood Drive Milwaukee, WI 58223-2439 PHONE: (800) 236-4600 FAX: (414) 377-6263 CONTACT: Renee Truttmann



COMPANY STATEMENT: The Catalyst Warehouse Management System is a standard application software package that provides real-time processing of every facet in a warehousing operation. The Catalyst system manages everything from inventory to personnel and material handling equipment. The results are improved inventory accuracy, increased productivity and enhanced customer service. The Catalyst system is UNIX based and will interface with most peripherals, including hardware, host systems, material handling and radio frequency equipment. Do-it-yourself parameters allow the Catalyst system to grow with your operation. Catalyst offers its customers 24-hour, 7-day a week on-line support. The Catalyst system is proven in over 100 sites worldwide in a large variety of industries.

(R) Pioneer

digital

Pioneer Standard 4800 E. 131st Street Cleveland, OH 44105 PHONE: (800) 227-1693 COMPANY STATEMENT: Pioneer Standard and Digital Equipment are engaged in a strategic alliance to develop and deliver solutions to retailers. Working with a variety of software developers and application focused partners, Pioneer builds state of the art technology-based solutions for virtually all segments of retail. Most solutions are based on the open standard compliant Digital products, including point of sale terminals, kiosks, PCs and servers, as well as industry leading Alpha based workstations and servers. In addition to hardware and software, Digital and Pioneer combine to offer the broadest range of services available to retailers today, including maintenance, cost of ownership analysis, network integration and business process re-engineering. Applications are available for point-of-sale, imaging, inventory management, merchandising, shelf management, etc.

\* BAGS, BAG CLOSURES, BOXES

Handle Helper(TM)

Get a handle on your bagging costs.

Handle Helper, L.P. 744 Montgomery Street, Suite 200 San Francisco, CA 94111 PHONE: (415) 956-2632 FAX: (415) 956-2701 CONTACT: Pete Dieterich, V.P. Sales & Marketing COMPANY DESCRIPTION: Handle Helper, L.P. manufactures and markets the most innovative new product in grocery bagging since the introduction of the plastic bag. The Handle Helper is a light-weight plastic handle which locks the loops of a plastic bag together preventing spilling and enabling the bagger to put more items in each plastic bag. The bag also becomes easier to carry enhancing the overall performance of plastic bags in the eyes of the customer relative to the more expensive paper bag alternative. The Handle Helper is a win/win for the store and the customer. And it's destined to become the industry standard for supermarkets. COMPANY STATEMENT: Handle Helper is a service-oriented company dedicated to controlling the retailers' front-end costs and improving its customers' level of satisfaction.

Novem Trading International B.V. 9 Allaura Boulevard #4 Aurora, ON L4G 3N2 PHONE: (800) 463-6611 FAX: (905) 727-6744 CONTACT: Mark Langlois PRODUCTS: The only tamper-evident resealable system for closing plastic bags. STRENGTHS: \*An alternative to plastic tabs and twist ties; \*inexpensive cost per closure; \*easily opened and resealed without damage to bag; \*tamper-evident closure; \*compact design allows it to be easily incorporated into any work-station to greatly speed packaging process; and \*reduces waste by 90% vs. other closures.

\* BAKERY EQUIPMENT

Bakon USA Food Equipment 10117 Sepulveda Boulevard, Suite 205 Mission Hills, CA 91345-2613 PHONE: (800) TRY BAKON, (818) 895-7303 FAX: (818) 892-1095 COMPANY STATEMENT: BAKON manufactures the finest quality spraying equipment designed for all bakery applications and ingredients (fruit glaze, grease, egg wash, chocolate, bun wash, etc.). BAKON's Press N Bake make the finest tartshells in just 2 minutes. BAKON's "Top Cream," cold air cream whipping machine is ideal for heavy creams or toppings. BAKON's industrial division offers a variety of spraying and depositing systems.

Kason Market Products 3810 N. Carnation Street Franklin Park, IL 60131 PHONE: (800) 733-7973 FAX: (708) 678-5757 CONTACT: John Cannan PRODUCTS:

Self-serve bakery cases, wall and floor laminate, oak bread merchandisers, tables, produce slant top tables. STRENGTHS: Kason Market Products is the leader in self service bakery merchandising. Let us help you develop your bakery layout with our CAD free design service. Full perspective presentation. Same service applies to produce department. Custom solutions at standard pricing.

\* BOX CUTTERS

PHC

PACIFIC HANDY CUTTER, INC.

Pacific Handy Cutter, Inc. P.O. Box 10869 Costa Mesa, CA 92627 PHONE: (800) 229-2233 FAX: (714) 966-9310 CONTACT: Dale E. Jennings COMPANY STATEMENT: Pacific Handy Cutter, Inc. is the original manufacturer of the Handy Cutter, the Handy Hook Knife, the Safety Point Blade and the original Safety Cutter and NEW Safety Cutter S2. The Safety Cutter S2 features an ergonomic handle, safety guard, locked-in cutting positions, enclosed blade storage unit, patented Safety Point Blade and reduces accidents and damaged merchandise, insurance claims and workers compensation costs!

\* CARTS

Four D, Inc. P.O. Box 240326 Apple Valley, MN 55124 PHONE: (800) 524-7057 FAX: (612) 894-0634 CONTACT: Call Customer Service for info or ordering. SPECIALIZATION: Four D, Inc. manufactures the following Small Comforts(R) products: Shop-Along Child Carrier, Shop-Along Infant Carrier, Diaper Changing Table, Diaper Vending Machine, Baby Wait Station, Mobile Diaper Changing Center, Cabinet Diaper Changing Center, Diaper Waste Receptacles, Changing Pads, Diaper Refill Kits and grocery cart Child Safety Straps. Custom colors available. Four D offers a five year warranty and immediate shipment.

The Peggs Company, Inc. P.O. Box 907 Mira Loma, CA 91752 PHONE: (800) 242-8416 FAX: (909) 360-9186 CONTACT: Chris Nelson COMPANY DESCRIPTION: National sales, service and manufacturing company of merchandising products and shopping carts. SPECIALIZATION: Merchandising products (see Merchandising Equipment listing), buying used shopping carts, selling of reconditioned carts, rentals, cart service & repair, replacement cart parts, cart accessories. ADDITIONAL SERVICES: Cart corrals, child safety products, handicap shoppers, cart security systems.

Supercart International, Inc. is an Associated Company of Ingenious Retailing Corp. 280 North Woodward Avenue Birmingham, MI 48008 PHONE: (800) 833-2278 FAX: (905) 624-3784 PRODUCTS: All-plastic shopping carts and all-plastic hand baskets. STRENGTHS: The Supercart is an all plastic construction, rust-free, recyclable shopping cart. It is available in an array of standard colors and can be produced in custom colors. It will not jam when nested, does not damage customers' cars, is highly durable and low maintenance. The Supercart is light weight, highly maneuverable and user friendly.

\* CONTAINERS: REUSABLE

Ropak Corporation 660 S. State College Boulevard Fullerton, CA 92631 PHONE: (714) 870-9757 FAX: (714) 447-3871 CONTACT: Ralph Nelson, Director of Marketing COMPANY STATEMENT: Ropak's stackable, nestable plastic totes replace costly and wasteful corrugated packaging for meats, seafood, poultry and produce. They're ruggedly built for long life and easy cleaning, and their design aids cooling and extends shelf life. The space-efficient 24 X 16 size cubes fill out standard grocery pallets and come in 5", 7", 10" and 13" heights. Ropak's returnable containers work effectively between processors, distribution centers and stores. They have a ten-year record of cost-effectiveness, with more than nine million units in use.

\* DOORS

Eliason(R)

Corporation

Eliason Corporation P.O. Box 2128 Kalamazoo, MI 49003 PHONE: (800) 828-3655 FAX: 800 828-3577 CONTACT: Door sales or cooler sales PRODUCTS: Eliason Easy Swing double action impact doors for all service, traffic and

convenience doorways in supermarkets or other applications. Eliason commercial walk-in coolers, freezers and floral display reach-ins open front dairy and Econo Cover night curtains. STRENGTHS: Eliason has been a supplier to the supermarket industry for over 35 years. We specialize in quality products, service and customer satisfaction. Our products are sold direct and can be shipped within three weeks after receipt of order. A free price/spec catalog is available.

Therm-L-Tec Systems, Inc. 119 Osage Avenue Kansas City, KS 66105 PHONE: (800) 654-9055 FAX: (913) 342-6545 CONTACT: Fred Law SPECIALIZATION: We offer a full line of cold storage doors. Swing, horizontal and vertical slide, sectional overhead. Manual and power operated featuring our SST SMOOTH OPERATOR. COMPANY STATEMENT: At Therm-L-Tec every door we build is custom made. We take the time to ask questions: the right questions. By taking the time to fully understand the application, we can recommend products that will not only fill the client's need, but will do it right the first time. In over 25 years of business we learned that every installation is custom.

\* ENVIRONMENTAL/ENERGY CONTROL SYSTEMS

E I L(R)

INSTRUMENTS, INC.

E.I.L. Instruments, Inc. 10946A Golden West Drive Hunt Valley, MD 21031 PHONE: (410) 584-7400 FAX: (410) 584-7561 CONTACT: Lisa Ashbaugh COMPANY DESCRIPTION: E.I.L. Energy Controls Group focuses on the engineering, design, and manufacturing of refrigeration, HVAC, and lighting controls used to contain energy and maintenance costs in supermarkets, convenience stores, and refrigerated warehouses. E.I.L. specializes in controlling commercial refrigeration systems, including parallel compressor systems and variable speed compressor systems.

ENTERGY

Systems and Service, Inc.

Entergy Systems and Service, Inc. 4740 Shelby Drive, Suite 105 Memphis, TN 38118 PHONE: (800) 477-7274 FAX: (901) 367-2873 CONTACT: Ken Black, Director of Marketing PRODUCTS: Energy management, lighting, HVAC, and refrigeration management services. STRENGTHS: Entergy Systems and Service, Inc. evaluates, retrofits, and maintains lighting, HVAC, and refrigeration systems with a focus on turnkey solutions to reduce the cost to our customers. Our services are funded from savings. No capital investment is required. Entergy SASI will provide a free evaluation of current lighting systems.

\* FIXTURES/FURNISHINGS

Four D, Inc. P.O. Box 240326 Apple Valley, MN 55124 PHONE: (800) 524-7057 FAX: (612) 894-0634 CONTACT: Call Customer Service for info or ordering. SPECIALIZATION: Four D, Inc., manufactures the following Small Comforts(R) products: Shop-Along Child Carrier, Shop-Along Infant Carrier, Diaper Changing Table, Diaper Vending Machine, Baby Wait Station, Mobile Diaper Changing Center, Cabinet Diaper Changing Center, Diaper Waste Receptacles, Changing Pads, Diaper Refill Kits and grocery cart Child Safety Straps. Custom colors available. Four D offers a five year warranty and immediate shipment.

Hubert Company 9555 Dry Fork Road Harrison, OH 45030 PHONE: (513) 367-8600 FAX: (513) 367-8603 PRODUCTS: Display fixtures large and small; manufactured products, distributed and custom work, all incorporating wood, wire, plastic, steel, aluminum, fiberglass and combinations of complete line of food merchandising display products in stock. STRENGTHS: The Hubert Company, with over 50 years of experience in the food industry presents the latest innovations in fixturing and food display products. Over 16,000 products stocked for immediate delivery. CATALOG: Send for 656 pg. food & retail merchants source book.

John Boos & Company 315 South First Street Effingham, IL 62401 PHONE: (217) 347-7701 FAX: (217) 347-7705 COMPANY STATEMENT: For over 108 years John Boos & Company has been supplying the supermarket industry with progressive product ideas, built with old time craftsmanship. For the highest quality and lowest price, allow us to quote your requirements on: \* Stainless Steel, Poly,

Maple Work Tables \* Ergonomic Height Adjustable Tables \* Sinks, Drainboards \* Merchandising Display Fixtures - Maple or oak \* Dining tables in maple or oak butcher block \* Convenience Benches, Booths, Chairs

Koala Corporation 4390 McMenemy Street St. Paul, MN 55127-6004 PHONE: (800) 666-0363 FAX: (612) 490-1859 CONTACT: Donna May, Stacy Hubbard  
SPECIALIZATION: Manufacturer and distributor of child safety/customer convenience products, including the Koala Bear Kare Baby Changing Station and Child Protection Seat. CLIENTS: Kroger, Publix, Food Lion, Meijer, Marsh, IGA, and most major chains. COMPANY STATEMENT: Koala Corporation engineers, designs and manufactures products built to last with the utmost safety in mind.

NEWOOD(R)

DISPLAY FIXTURE MFG. COMPANY

Newood Display Fixture Mfg. Co. P.O. Box 21808 Eugene, OR 97402 PHONE: (800) 233-9663 FAX: (541) 688-5868 CONTACT: Chris Elliott SPECIALIZATION: Wood Display Fixtures for Wine/Liquor, Bakery, Housewares and Point-of-Purchase. COMPANY DESCRIPTION: Design and manufacture Oak, Maple and Douglas Fir display fixtures. No minimum purchase requirements for standard fixtures shown in our unique color catalog. Our durable fixtures are modular in design so you can add options or rearrange as needed. Custom designs in volume including Point-of-Purchase.

\* FLOORING/FLOOR CARE PRODUCTS

Buckeye International, Inc. 2700 Wagner Place Maryland Heights, MO 63043 PHONE: (800) 321-2583 FAX: (314) 298-2850 CONTACT: Brandon Faries, Dan Dearolph SPECIALIZATION: Supermarket Floor Care Program COMPANY STATEMENT: Manufacturer of quality cleaners and floor care products. Provider of Clarity, supermarket floor care program, and Counter Attack, meat room, deli, bakery and front end maintenance program. Both programs offer quality products, training materials (videos, manuals and wall charts) and local professional support. Both are guaranteed to deliver consistently clean, sanitary and attractive shopping and foodservice environments. Both standardized programs reduce labor and product costs.

\* FLORAL FIXTURES & SUPPLIES

Floritech Industries, Inc. 4003 Eastbourne Drive Syracuse, NY 13206 PHONE: (800) 535-3295, (315) 438-8940 FAX: (315) 438-8943 CONTACT: Paul Bramhall PRODUCTS: Open refrigerated floral merchandisers and custom refrigerated displays. STRENGTHS: Floritech designs, manufactures and sells open floral and specialty refrigerators for convenience stores, supermarkets and retail operations. Products include open upright cases of all sizes including endless merchandisers and our new ultimate floral spot merchandiser, the Bouquet Mart. Floritech can custom design or modify standard products to meet customer needs.

\* FOOD SERVICE/PREPARATION EQUIPMENT

FMP Equipment Corporation P.O. Box 14069 Greensboro, NC 27415 PHONE: (910) 621-2882 FAX: (910) 621-7901 CONTACT: Terrell Youngblood PRODUCTS: Smokers, bakery ovens, proofers, racks, accessories STRENGTHS: Innovative labor and energy saving equipment. FMP offers the only self-cleaning barbecue oven on the market, as well as uniquely designed space saving bakery ovens, all manufactured entirely in the US.

Globe(R)

Globe Food Equipment 3506 Encrete Lane Dayton, OH 45439 PHONE: (800) 347-5423 FAX: (513) 299-4147 CONTACT: Tim Zirkle COMPANY DESCRIPTION: Globe Food Equipment produces the industry's only heavy duty stainless steel slicer line designed to help ensure safe operation and easy cleaning. These slicers have such features as table lockout, home position start, a knife cover interlock, and automatic shut-off. Plus automatic models have an automatic return to home feature and a food chute interlock. All are UL, NSF, and USDA listed and carry a full one year parts and labor warranty backed by over 200 factory service centers nationwide.

HENRY

PENNY

Henny Penny Corporation P.O. Box 60 - 1219 U.S. Rte. 35 West Eaton, OH 45320 PHONE: (513) 456-8400 FAX: (513) 456-8402 PRODUCTS: Manufacture breadmaking machines, shortening filters, counter display warmers, bun toasters, heated holding cabinets, rotisseries, cook and hold ovens, merchandisers, combi steamers, open fryers and pressure fryers. STRENGTHS: For over 37 years Henny Penny has manufactured equipment to provide the foodservice market with quality food, excellent taste presentation, high profit margins, and after the sale, the service support. With our Hot-N-Tender Deli System, featuring Therma-Vec, we offer a better package for the money. A top-of-the-line equipment manufacturer with 48 domestic and 60 international distributors.

HICKORY FARMS (R)

Hickory Industries, Inc. 4900 West Side Avenue North Bergen, NJ 07047 PHONE: (800) 732-9153 FAX: (201) 223-0950 CONTACT: Ramiro Avila, V.P. Marketing/Sales SALES OFFICES: Phoenix, AZ; London, England; Willich, Germany SPECIALIZATION: Hickory is the largest diversified manufacturer of rotisseries in the world. Combi-ovens, Combi-Wave ovens, Bake-off ovens, & Visual Demonstration Kitchens are all part of Hickory's engineering & production capabilities in providing the latest technology in the preparation & merchandising of fresh food to the consumer. COMPANY STATEMENT: Hickory's corporate philosophy is based on: "Cook and Sell."

Hobart Corporation 701 Ridge Avenue Troy, OH 45374 PHONE: (513) 332-3000 FAX: (513) 332-2142 CONTACT: David R. Casto, Vice President-Food Retail PRODUCTS: Bakery, deli, meat processing, weighing and wrapping equipment. STRENGTHS: No other food equipment manufacturer enjoys the Hobart reputation for quality. As the acknowledged industry leader, Hobart offers a full-line of food equipment and systems for retailer profits. Hobart helps you specify what's best for your needs, not what we happen to have. Hobart has more than 200 sales and service offices nationwide, with more than 1700 factory trained service technicians.

Hollymatic Corporation 600 E. Plainfield Road Countryside, IL 60525-6914 PHONE: (708) 579-3700 FAX: (708) 579-1057 CONTACT: Roger Costello PRODUCTS: Patty machines, grinders, mixer/grinders, meat saw, mixers, vacuum tumblers, vacuum packaging machines, stuffers, linker, juice machines, patty paper, local authorized service. STRENGTHS: For more than 50 years, Hollymatic has been manufacturing high quality equipment for the food processing industry, fully supported by a strong network of local authorized dealer service locations.

Ubert by Toastmaster 1400 Toastmaster Drive Elgin, IL 60120 PHONE: (800) 323-2210 FAX: (800) 635-4725 CONTACT: Allan Ahrens, National Sales Manager. COMPANY DESCRIPTION: The Ubert Company was founded in 1965 and is recognized for its technological leadership as well as for being a world market leader in rotisserie ovens and related foodservice equipment. Toastmaster, a Middleby company, has been building quality products since 1917. SPECIALIZATION: The Ubert rotisserie design offers attractive, easy to operate ovens in sizes to fit any operation, large or small. The clean lines and styling add to the merchandising impact of display grilling. The stainless steel components are easily removable without tools for labor saving clean-up. The exclusive Four-Stream convection system substantially speeds up cooking time, and the unique quartz lamps focus the browning on the food. The faster bake time reduces operating costs and power consumption. ADDITIONAL SERVICES: Full line of Holding Cabinets, and Hot & Cold Display Cases; Accessories available; No Quibble Limited Warranty.

The Wasserstrom Company 477 South Front Street Columbus, OH 43215 PHONE: (800) 333-9963 FAX: (614) 228-8776 CONTACT: Supermarket Division SALES OFFICES: Columbus, OH, Phoenix, AZ COMPANY STATEMENT: A full service distributor of foodservice equipment and smallwares. Wasserstrom is also a complete supplier of merchandising display and decor products. Emphasis in creative case merchandising and decor for all Deli, Bakery, Meat, Seafood and Foodservice departments. Call for a catalog today.

\* HVAC

Genesis International Inc. 1040 Fox Chase Ind. Drive Arnold, MO 63010  
PHONE: (314) 282-0011 FAX: (314) 282-2722 CONTACT: John Blank COMPANY  
STATEMENT: Designs and builds Electronic Controls including: Refrigerant Gas Monitoring, SHERLOCK, MEETS "ASHRAE 15-1994 standard," Parallel and Conventional Refrigeration controls, EPC, which includes Defrost and Condenser Fan Control, COMFORT-MISER for Super Market HVAC, Energy Management Systems, Case Temperature Control and Monitoring/Alarming. All GENESIS products have Remote Communication and Alarming capability.

\* ICE MAKERS

Hoshizaki America, Inc. 618 Highway 74 South Peachtree City, GA 30269  
PHONE: (800) 438-6087 FAX: (800) 345-1325 CONTACT: Jack Antell PRODUCTS: Ice making machines, cubers, flaked ice, dispensers, reach-in refrigerators, beverage dispensers. STRENGTHS: Hoshizaki America manufactures most dependable ice machines such as cubers for your deli section and flaked ice machine for your produce and seafood section to make your food look great and keep in good shape. Hoshizaki has distributor network covering entire US with factory owned distribution centers in IA, NY, OH, and TX.

\* INSULATED/PROTECTIVE CLOTHING

RefrigiWear, Inc. P.O. Box 39, Breakstone Drive Dahlonga, GA 30533  
PHONE: (706) 864-5757 FAX: (706) 864-5898 CONTACT: Ronald Breakstone COMPANY  
STATEMENT: Created to serve the fledgling frozen food field, since 1954, RefrigiWear has been the first name in insulated clothing for industry. The company designs and manufactures, here in the USA, coveralls, jackets, vests, pants, pallet covers, headwear, handwear, footwear and accessories in various weight product lines - Light Weight; Brown Duck; Storm Trac; Iron-Tuff and Minus 50 (degrees) Suits. Each garment has been designed to be "application specific" - RefrigiWear has the right garment for every job at every low temperature application. RefrigiWear garments are used by warehouses, distributors, retailers, growers, transporters - any stop along the food chain that is low temperature sensitive.

\* LABELS & LABELING SYSTEMS

Bollin Label Systems 1152 E. Broadway, P.O. Box 50529 Toledo, OH 43605-0529 PHONE: (800) 882-5104, (419) 693-6573 FAX: (419) 697-1682  
SPECIALIZATION: We are Experts in Supermarket Labels! COMPANY STATEMENT: Established in 1969, our in-house art department designs and manufactures:

\* Custom Labels

\* Stock & Custom Scale Labels We have a full line of stocked general purpose labels. A master distributor of Monarch Marketing Systems. Call Us For a Catalog!

\* LIGHTING

GLC, Inc. Linear Lighting Systems 1215 Vista Superba Drive Glendale, CA 91205 PHONE: (818) 240-7698 FAX: (818) 547-1369 CONTACT: Gary Hartshorn, National Sales Manager SPECIALIZATION: GLC is nationally recognized as specializing in decorative, extruded aluminum, suspended tubular and custom shaped lighting patterns. COMPANY STATEMENT: GLC, Inc., is recognized as an innovator in Linear Lighting Systems. Our patented designs allow retailers to brighten store interiors in specific areas, drawing shoppers' attention to profit centers throughout the store. GLC "Light Lines"(TM) products use the latest energy saving technologies while offering color accents keyed to your store's interior decor.

Superior Electric 383 Middle Street Bristol, CT 06010 PHONE: (860) 585-4500 FAX: (860) 582-3784 CONTACT: Michael J. Miga, Sales & Marketing, Voltage Control Products Group SPECIALIZATION: Manufacturer of electronic and electrical components and systems for voltage control and voltage conditioning. Products include:

- \* LUXTROL(R) Incandescent Light Controls
- \* LUXTROL(R) HID Light Controls
- \* POWERSTAT(R) Variable Transformers
- \* 5-WAY(R) Binding Posts
- \* SUPERCON(R) Electrical Connectors

- \* STABILINE(R) Voltage Regulators
- \* STABILINE(R) Power Conditioners
- \* STABILINE(R) Uninterruptible Power Supplies
- \* STABILINE(R) Transient Voltage Suppressors/RFI Filters

ADDITIONAL SERVICES: Start-up service, service training and on-site repair and service can be provided depending on the product line. COMPANY STATEMENT: Superior Electric has been designing, manufacturing and marketing voltage control and voltage conditioning equipment since 1938. Today, we offer a complete range of products that provide increasing levels of performance for home, commercial and industrial applications, and are recognized as the industry leader for variable transformers (tradename POWERSTAT(R)). Our performance proven LUXTROL(R) HID Light Controls serve as an energy management tool for large lighting loads. They reduce lighting costs dramatically via a controlled, variable reduction in voltage supplied to the lighting circuits and work with all types of HID lighting: metal halide, high pressure sodium, low pressure sodium and mercury vapor.

\* MATERIAL HANDLING

Perstorp Xytec, Inc. 9350 47th Avenue SW Tacoma, WA 98499 PHONE: (800) 423-3221 FAX: (206) 588-5539 SALES OFFICES: Sales offices worldwide. Over 100 sales locations throughout North America. Contact customer service for sales in your area. SPECIALIZATION: Perstorp Xytec, Inc. specializes in the design and manufacture of reusable plastic containers for materials handling, shipping, work in process, and storage. PRODUCTS: Product line includes plastic collapsible and fixed wall pallet containers plus stack and nest totes. Our 48" x 48" AgBin is the first plastic collapsible pallet container designed specifically for agriculture use.

\* MERCHANDISING EQUIPMENT

B-O-F Corporation 801 N. Commerce Street Aurora, IL 60504 PHONE: (708) 585-0020, (800) 323-2517 FAX: (708) 585-0450 CONTACT: Ken Corradini PRODUCTS: Gravity Flow Shelving Systems for walk-in coolers and freezers. Perfect for milk, pop, beer, bottled water and a large variety of other products. STRENGTHS: Gravity Flow Shelving is the Company's only business and they set the standard in quality, versatility, and flexibility. Their NYLA-TRACK(R) II is sized for all major glass doors and beverage packaging. Their MILK MOOVER(R) is available in shelf types for everything from gallons to rounds. Their LIFT-OUT TRAX(TM) provides even more flexibility, adjustability, and cleaning ease for milk merchandising. Their NYLA-ROL(TM) accommodates large cases and bulk merchandising. And, their E-Z AJUST(TM) Shelving makes set-up and remerchandising an effortless task.

Display Specialties, Inc. 9 Beacon Drive Wilder, KY 41076 PHONE: (800) 545-9362, (606) 781-7711 FAX: (606) 572-4219 CONTACT: Sheila Asalon, Sales Manager SPECIALIZATION: Complete Merchandising Programs: Fixtures, Signage, Displayware COMPANY STATEMENT: Display Specialties provides in-store merchandising and display products.

Melrose Displays, Inc. 2 Brighton Avenue Passaic, NJ 07055 PHONE: (201) 471-7700 FAX: (201) 471-6885 CONTACT: Richard T. Cohen COMPANY DESCRIPTION: Melrose Displays is your single source for custom supermarket fixtures and P.O.P. displays in wire, wood, tubing, and metal. We create merchandising displays for any product or department that are durable, eye-catching and economical. SPECIALIZATIONS: Since 1951, Melrose has been manufacturing front-end fixtures for America's leading supermarket chains and gum, candy and magazine companies. Special services include design, prototyping and split-billing. Our 225,000 sq. ft. facility can accommodate any size program all under one roof.

The Peggs Company, Inc. P.O. Box 907 Mira Loma, CA 91752 PHONE: (800) 242-8416 FAX: (909) 360-9186 CONTACT: John Peggs COMPANY DESCRIPTION: National sales, service and manufacturing company, of merchandising products and shopping carts. SPECIALIZATION: Custom steel & aluminum produce racks, bakery shelving, specialty wire racks, dividers. Shopping carts (see Carts listing). ADDITIONAL SERVICES: Custom items, metal & plastic dividers, bag holders, sign

frames, signs, cart corrals.

\* MISTING SYSTEMS

Corrigan Corp. of America 1441 Paddock Drive Northbrook, IL 60062 PHONE: (800) 462-6478 FAX: (708) 729-0258 COMPANY DESCRIPTION: We are the inventors of Produce Misting Systems. A utility patent was awarded in 1979. This equipment is developed in a retail produce operation and innovations are made from the day to day experience of selling produce with a misting system. SPECIALIZATION: Manufacturers of Automatic Misting for Produce, Seafood, and Poultry display cases. Humidification Systems for Meat & Deli cases. Filtration equipment options designed specifically for misting systems and water quality demands. New warning options for produce misting - from a simple chime to professionally digitized CD quality sound effects and voice messages. COMPANY STATEMENT: Practicality is built into every system design. Our snap-fit connectors and fittings mean no glued connections and make for simplest installations and the least costly to maintain in our industry.

Vege Mist, Inc. 20695 South Western Avenue Torrance, CA 90501 USA PHONE: (800) 228-2346, (310) 212-0560 FAX: (310) 212-0565 CONTACT: Sam Cohen PRODUCTS: Produce automatic misting systems; state of the art reverse Osmosis systems integrated with misting controls in an efficient, compact design; automatic misting/purification for seafood displays; purified humidity systems for enclosed refrigerated displays for fish, deli, meat, etc.; auto vegetable washing systems; outdoor evaporative cooling systems. STRENGTHS: World-wide satisfied customer list in the grocery industry. Custom designed systems are trouble-free, all for an unbeatable price.

\* PALLETS

Loudon Plastics, Inc. 787 Watervliet-Shaker Road Latham, NY 12110-2285 PHONE: (800) 833-3800, (518) 783-7776 FAX: (518) 783-0004 CONTACT: John Wood COMPANY STATEMENT: Structural foam molded, solid-body plastic pallets for closed-loop distribution, warehousing and store display. Durable, lightweight pallets have 4-way entry; are recyclable and easy to clean; and will not splinter, rot or corrode. Nestable or rackable, diamond or smooth deck, many models, sizes, and custom options. Grocery Transport Pallet accommodates warehouse, trailer or automated pallet dispenser. Call for free catalog.

\* POINT OF PURCHASE DISPLAYS

California Quality Plastics 2226 Castle Harbor Place South Ontario, CA 91761 PHONE: (800) 523-8674, (909) 930-5535 FAX: (909) 930-5540 CONTACT: Lary G. Shipp, National Sales Manager COMPANY DESCRIPTION: Manufacturer of museum quality plastic point-of-sales displays, dispensers and organizers for grocery stores, convenience stores and the restaurant industries. We design and custom fabricate products using acrylic, styrene and polycarbonate plastics. COMPANY STATEMENT: We make it right, ship it right and bill it right.

Fasteners for Retail, Inc. 225 Alpha Park Cleveland, OH 44143 PHONE: (800) 422-2547 FAX: (216) 473-6160 COMPANY DESCRIPTION: Fasteners For Retail (FFR), "Your Supporting Cast," is a leading supplier of merchandising, sign and display accessories. Products include sign and literature holders, shelf systems and talkers, ceiling displays, product merchandisers and display construction accessories. For over 30 years, FFR has offered quality accessories and innovative solutions-backed by superior service. Call for a free copy of FFR's complete Buyers Guide.

Pallet Display Systems 214 W. Erie Street Chicago, IL 60610 PHONE: (312) 943-5959 FAX: (312) 943-0881 CONTACT: Craig Reich SPECIALIZATION: P.D.S. offers a complete line of units ranging from the full and half size permanent pallet display fixtures to promotional corrugated pallet skirts, which house and enhance the presentation of palletized product at the point of sale. The units have several exclusive signage and header options designed to increase visibility and maximize impulse purchase. ADDITIONAL SERVICES/FEATURES/BENEFITS: \* Units come fully assembled/product ready \* Four-way fork lift entry \* Movable with product load \* Adjustable load height \* Four-sided graphics \* Changeable message panels CLIENTS: Duracell USA, Anheuser Busch, Kelloggs USA, Bacardi Imports COMPANY STATEMENT: With the



evolution of larger store formats, there is a growing trend to merchandise products on pallets. In doing so, the retailer greatly reduces his labor cost in handling and stocking the product and increases his sales. Several independent controlled tests have shown P.D.S. units have had a significant impact in generating impulse purchase.

Realistic Imaging Ltd. 5290 N. Casa Grande Highway, Suite 117 Tucson, AZ 85743 PHONE: (800) 845-0141 FAX: (602) 887-2629 COMPANY STATEMENT: We are the creators of the finest display food in the world, including kale, garnishment, party platters and giant subs. \* Increase Deli and Seafood Sales \* Bigger Bottom Line Profits \* Reduce Real Food Wastage \* More Attractive Displays Call for free brochure.

Semco, A Leggett & Platt Company 1904 NE 6th Avenue Ocala, FL 34470 PHONE: (800) 635-7321 FAX: (904) 351-3088 CONTACT: Fran Smith, CS Manager PRODUCTS: Peghooks, wire baskets, racks, bins, merchandisers, clip strips, grid systems. STRENGTHS: SEMCO is the wire display authority for all of your merchandising needs. We have been manufacturing quality wire products for 27 years. A full line of stock items from peghooks to merchandisers with prepaid freight on most items. If our catalog items don't meet your product requirements, our custom designs will. Call our 800 number for catalog and samples.

\* REFRIGERATION EQUIPMENT

DuPont 1007 Market Street Wilmington, DE 19898 PHONE: (800) 235-SUVA PRODUCTS: Dupont SUVA(R) refrigerants. STRENGTHS: Whether you are installing new refrigeration equipment or retrofitting existing equipment, DuPont offers the broadest line of refrigerants to meet your needs.

Genesis International Inc. 1040 Fox Chase Ind. Drive Arnold, MO 63010 PHONE: (314) 282-0011 FAX: (314) 282-2722 CONTACT: John Blank COMPANY STATEMENT: Designs and builds Electronic Controls including: Refrigerant Gas Monitoring, SHERLOCK, MEETS "ASHRAE 15-1994 standard," Parallel and Conventional Refrigeration controls, EPC, which includes Defrost and Condenser Fan Control, COMFORT-MISER for Super Market HVAC, Energy Management Systems, Case Temperature Control and Monitoring/Alarming. All GENESIS products have Remote Communication and Alarming capability.

Tecumseh/Bitzer l.p. 1120 Tecumseh-Clinton Road Clinton, MI 49236 PHONE: (517) 423-8744 FAX: (517) 423-0233 CONTACT: Art Guzowski REGIONAL SALES OFFICES: Eastern region: Bill Sargeant (813) 591-1185 Central region: Gary Shafer (517) 423-8887 Western region: Jack Leth (310) 533-1365 COMPANY DESCRIPTION: Manufacturer of semi-hermetic & open drive reciprocating and screw compressor technologies to the A/C & R industry. COMPANY STATEMENT: Tecumseh Products Company and Germany's Bitzer Kuhlmaschinenbau GmbH have entered into a joint venture, having formed a limited partnership for the purpose of marketing Bitzer's extensive lines of semihermetic and open drive piston and screw compressor products throughout the United States and Canada.

\* SECURITY EQUIPMENT/SAFES

Checkpoint Systems, Inc. 101 Wolf Drive Thorofare, NJ 08086 PHONE: (800) 257-5540 FAX: (609) 848-0937 CONTACT: Paul Harrington, Director - Domestic Sales SALES OFFICES: Headquarters in Thorofare, NJ Sales representatives located throughout the United States CLIENTS: Bi-Lo, Inc., Lucky Stores, Inc., The Kroger Company, Pathmark Stores, Inc., Price Chopper, Ralph's Grocery Co., Safeway Corporation COMPANY DESCRIPTION: Checkpoint Systems, Inc. offers comprehensive loss prevention solutions for virtually any supermarket application. Checkpoint's broad product line - including variety of sensor styles, disposable security labels, CCTV systems, and POS monitoring systems - provides the flexibility supermarket operators need to control shoplifting and internal theft, increase sales, and improve bottom line profitability. For the ultimate in security, Checkpoint's Impulse(R) source tagging program embeds security labels within products or their packaging at the point of manufacture.

KartControl(TM) P.O. Box 278 Thousand Palms, CA 92276 PHONE: (800) 303-KART (5278) FAX: (619) 343-1029 CONTACT: Art Zelda COMPANY STATEMENT:

KartControl(TM) is a patented electronic control system that provides inexpensive, permanent and foolproof security for shopping carts. KartControl(TM) automatically locks a wheel on any cart (regardless of manufacturer) when it passes over the invisible barrier. KartControl is the most effective method yet devised to protect store owners from the costly problem of cart loss. There is an easy solution to Kart loss and we have it!

Sensormatic Electronics Corporation 500 NW 12th Avenue Deerfield Beach, FL 33442 PHONE: (800) 368-7262 COMPANY STATEMENT: Sensormatic, the world leader in electronic security and the Official Electronic Energy Supplier of the 1996 Olympic Games, is a fully integrated supplier of electronic security systems to retail, commercial and industrial markets. The company's electronic article surveillance (EAS), closed-circuit television and cashier monitoring systems are used by food, drug, softgoods and mass merchandise retailers to deter shoplifting and internal theft. Additionally, our Ultra-Max(R) anti-shoplifting technology, currently being used by over 60,000 retailers and 300 consumer goods manufacturers, is becoming the recognized industry standard for source tagging.

\* SHRINK/STRETCH WRAPPING

Robbie Manufacturing, Inc. 10810 Mid America Avenue Lenexa, KS 66219 PHONE: (800) 255-6328 FAX: (913) 492-1543 CONTACT: Lori Gann COMPANY DESCRIPTION: Robbie offers a variety of stock and custom designed films for wrapping and merchandising meat, produce, bakery and deli items. Providing packaging solutions to the supermarket and fresh food industry for 25 years. Packaging experts are available to serve you throughout the United States, Canada, Mexico and Puerto Rico. For packaging that helps you sell more product, contact Robbie.

\* WASTE RECEPTACLES

Best Litter Receptacles P.O. Box 5038 Florence, SC 29502 PHONE: (803) 667-8188, (800) 526-1322 FAX: (803) 669-7764 CONTACT: Tom or Carol Doty PRODUCTS: Complete line of reinforced concrete litter and ash receptacles and ash/trash combinations STRENGTHS: Heavy-duty - 350 to 550 lbs.- Weight of these products prevents them from blowing over or being moved without authorization. 7 Year Warranty SPECIALIZATION: Ash/trash combinations are perfect for controlling litter at store entrances and easy maintenance of front areas. Variety of colors and logos also available.

\* ADVERTISING/PROMOTIONAL

Dynamic Displays 5450 W. Jefferson Avenue Detroit, MI 48209 PHONE: (519) 254-9563 FAX: (519) 258-0767 CONTACT: Stephen Thomson EXT. 26 Windsor, Ont. 937 Felix Ave. N9C 3L2 SPECIALIZATION: GIANT INFLATABLES; CUSTOM INFLATABLES; Helium Parade; Cold Air Rooftops; Costumes, e.g. 50 ft. Crab; Tube Signs ADDITIONAL SERVICES: Full Service Co. Internationally for World Class Special Events CLIENTS: Super Bowl, IGA, Meijers, Thrifty Acres, Farmer Jack Stores, Frito Lay, Chef Boyardee, Kool-Aid, Foodtown, Chrysler, United Airlines, MCA, Mr. Big Candy Bar, Pepsi Cola, Campbell Soup, Cloverleaf Tuna, Mr. Grocer COMPANY STATEMENT: Value, Service, Quality "We care about your Success"

Integrated Software 475 Park Avenue South New York, NY 100 1 6-6901 PHONE: (212) 545-01 1 0 FAX: (212) 545-0198 COMPANY STATEMENT: Retail ADvantage(TM) is the most compelling, cost-effective solution available for automating the production of retail ads, circulars, in-store signage and catalogs. By linking Merchandising and Advertising, Retail ADvantage leads to more effective merchandising strategies, Efficient Customer Response and improved Category Management. It ensures price maintenance for your circular, sign, and POS prices. It lets you do unlimited price versioning by market, language, and buyer demographics. It also lets you do item substitution for markets, produce custom catalogs, and conduct incremental sales analysis.

Multi-Ad Services, Inc. 1720 West Detweiller Drive Peoria, IL 61615-1695 PHONE: (800) 447-1950 ext. 372 FAX: (309) 693-1648 COMPANY STATEMENT: Ad-Builder Food Photography features a wide variety of foods including beef, chicken, pork, produce, bakery, deli, hot foods, salads, cheese, and much more. The photographs come in various styles, such as on the grill,

unprepared, holiday settings, etc. Food Photography is available on hybrid CD-ROM for Apple(R) Macintosh(R) and PC users. All photos are saved in Adobe Photoshop(TM) EPS format for easy manipulation of size and line screen. Subscriptions are on a yearly basis, with 25 images featured each month in four-color and black and white.

Try-Foods International, Inc. P.O. Drawer 2248 Apopka, FL 32704-2248  
PHONE: (800) 421-8871 FAX: (407) 884-0809 COMPANY DESCRIPTION: Try-foods provides full-scale, turnkey promotions, nutrition & educational materials to increase sales of perishable foods. Hundreds of high-quality recipes for meat, produce and seafood as well as an extensive line of recipe racks. Other point-of-purchase materials include: produce & seafood guidebooks, POS cards, posters, static clings, brochures, shelf talkers, rail strips, kids promotional items and more. Official PBH distributor of 5 a Day core materials & serve over 15,000 supermarkets in US and Canada.

\* CARDS

Card/Form Services(TM) P.O. Box 758 Lombard, IL 60148 PHONE: (708) 691-0909, (800) 824-1821 FAX: (708) 691-0576 CONTACT: Marlene or Joanne  
SPECIALIZATION: Plastic cards for check cashing, senior discounts, special promotions. Can be embossed, bar coded, or magnetic strip. ADDITIONAL SERVICES: Complete embossing and encoding services with storage. COMPANY STATEMENT: Our objective is to offer all the types of cards available at one source.

Vanguard ID Systems 438 Creamery Way, Suite D Exton, PA 19341 PHONE: (610) 524-7433 FAX: (610) 524-7917 CONTACT: Richard Warther, VP COMPANY STATEMENT: Vanguard ID Systems is the leading manufacturer and pioneer of bar coded membership cards and key tags for frequent buyer, preferred customer, audio and photo clubs, video rental, check cashing, temporary IDs, layaway and much more. All manufacturing is done in their facility in Exton, PA.

\* DATABASE MARKETING

S2 Systems, Inc. 15301 Dallas Parkway Dallas, TX 75248-4683 PHONE: (214) 458-3800 FAX: (214) 458-3876 COMPANY DESCRIPTION: S2's Customer Relationship Marketing Database is a data warehouse product which compiles transaction and item level information from any payment system, authorization system or other repository of sales transactions. With this information, the retailer can focus on rewarding and retaining their best customers. The product includes seven standard on-line reports using a graphical user interface. It is offered as a standalone system or can be integrated with S2 System's family of payments authorization and Frequent Shopper applications.

SPS Payment Systems, Inc. 2500 Lake Cook Road Riverwoods, IL 60015 PHONE: (708) 405-3900 FAX: (708) 405-4856 CONTACT: Tom Bronk, National Sales Executive COMPANY STATEMENT: SPS Payment Systems, Inc. (SPS) provides end-to-end electronic marketing programs. We develop solutions to meet specific objectives for customer data collection and analysis, and develop marketing programs based on customer purchase behaviors. Services include: application processing, card issuance, real-time transaction management, database development/management, data analysis and reporting, customer service support, and targeted marketing. SPS Payment Systems, Inc. is a majority-owned subsidiary of Dean Witter, Discover & Co. SPS' outsourcing services include electronic transaction processing, private label credit, commercial account management, operational outsourcing and electronic marketing.

\* EVENTS/GRAND OPENINGS

Dynamic Displays 5450 W. Jefferson Avenue Detroit, MI 48209 PHONE: (519) 254-9563 FAX: (519) 258-0767 CONTACT: Stephen Thomson EXT. 26 Windsor, Ont. 937 Felix Ave. N9C 3L2 SPECIALIZATION: GIANT INFLATABLES; CUSTOM INFLATABLES; Helium Parade; Cold Air Rooftops; Costumes, e.g. 50 ft. Crab; Tube Signs  
ADDITIONAL SERVICES: Full Service Co. Internationally for World Class Special Events CLIENTS: Super Bowl, IGA, Meijers Thrifty Acres, Farmer Jack Stores, Frito Lay, Chef Boy Ar Dee, Kool-Aid, Foodtown, Chrysler, United Airlines, MCA, Mr. Big Candy Bar, Pepsi Cola, Campbell Soup, Cloverleaf Tuna, Mr. Grocer  
COMPANY STATEMENT: Value, Service, Quality "We care about your Success"

\* FREQUENT BUYER/LOYALTY PROGRAMS

JTS ChequeOut Solutions 30 Corporate Woods, Suite 350 Rochester, NY 14623  
PHONE: (716) 273-6138 FAX: (716) 273-6140 CONTACT: Bill Sargent  
SPECIALIZATION: Software for retail industry for check cashing and collection systems, Micro Marketing. ADDITIONAL SERVICES: Custom software development for instore EFT & Micro Marketing programs. PRODUCT DESCRIPTION: ChequeOut+ is a card based financial transaction and database marketing application providing for paper and electronic check authorization, credit and debit card processing, and a detailed Customer Information File. Marketing capabilities include user defined promotions, time defined "points programs," demographic mapping and support to electronic couponing. The database allows for extensive analysis and reporting of promotions to facilitate evaluation of the program once complete. Promotions can be defined at the UPC, department or category level and can be analyzed against user defined demographic attributes such as neighborhood, household or individual shopper. National Embossing Company (NEC) 4001 Greenbriar Stafford, TX 77477 PHONE: (713) 274-6523 FAX: (713) 240-2485 CONTACT: Mark D. Hedrick, Sales Representative SALES OFFICE: Houston, TX (713) 240-3636 COMPANY STATEMENT: As National Embossing Company (NEC) steps further into the technologies, they find a variety of different applications for Courtesy/Check Cashing Cards. From POS to ACH to Frequency Marketing, your plastic card begins to take a more important role in identifying and keeping your customers. NEC offers turnkey card applications. From embossing/encoding to barcoding to custom packaging needs, NEC will show you how to effectively implement and manage your Courtesy/Check Cashing Card.

S2 Systems, Inc. 15301 Dallas Parkway Dallas, TX 75248-4683 PHONE: (214) 458-3800 FAX: (214) 458-3876 COMPANY DESCRIPTION: S2's Customer Relationship Marketing gives you the necessary tools to create and maintain your loyalty card program. Customer Information establishes your customer database. Card Issuance provides the ability to order and manage identification cards for the card program. Frequent Shopper maintains the shopper points/award transactions and history of sales activity at the tender level. Program changes are done through easy-to-use graphical screens. It can be integrated with S2 Systems' family of payments authorization and Customer Relationship Marketing Database.

SPS Payment Systems, Inc. 2500 Lake Cook Road Riverwoods, IL 60015 PHONE: (708) 405-3900 FAX: (708) 405-4856 CONTACT: Tom Bronk, National Sales Executive COMPANY STATEMENT: SPS Payment Systems, Inc. (SPS) provides end-to-end electronic marketing programs. We develop solutions to meet specific objectives for customer data collection and analysis, and develop marketing programs based on customer purchase behaviors. Services include: application processing, card issuance, real-time transaction management, database development/management, data analysis and reporting, customer service support, and targeted marketing. SPS Payment Systems, Inc. is a majority-owned subsidiary of Dean Witter, Discover & Co. SPS' outsourcing services include electronic transaction processing, private label credit, commercial account management, operational outsourcing and electronic marketing.

Dynamic Displays 5450 W. Jefferson Avenue Detroit, MI 48209 PHONE: (519) 254-9563 FAX: (519) 258-0767 CONTACT: Stephen Thomson EXT. 26 Windsor, Ont. 937 Felix Ave. N9C 3L2 SPECIALIZATION: GIANT INFLATABLES; CUSTOM INFLATABLES; Helium Parade; Cold Air Rooftops; Costumes, e.g. 50 ft. Crab; Tube Signs ADDITIONAL SERVICES: Full Service Co. Internationally for World Class Special Events CLIENTS: Super Bowl, IGA, Meijers Thrifty Acres, Farmer Jack Stores, Frito Lay, Chef Boy Ar Dee, Kool-Aid, Foodtown, Chrysler, United Airlines, MCA, Mr. Big Candy Bar, Pepsi Cola, Campbell Soup, Cloverleaf Tuna, Mr. Grocer COMPANY STATEMENT: Value, Service, Quality "We care about your Success"

National Association of Demonstration Companies P.O. Box 511 Farmington, CT 06034 PHONE: (800) 338-NADC FAX: (203) 677-5365 CONTACT: Judy Foley SALES OFFICES: 200 Nationwide COMPANY STATEMENT: The National Association of Demonstration Companies (N.A.D.C.) is a nationwide organization of independent agencies specializing in product demonstrations, couponing events, sampling, and mystery shopping. In addition, many members have separate merchandising

companies, divisions, or capabilities. Call for a free directory of over 200 agencies.

Pat Henry PERCEPTIONS, Inc.

Pat Henry Perceptions, Inc. 230 Huron Road N.W. #100.45 Cleveland, OH 44113 PHONE: (216) 621-3831 FAX: (216) 621-8455 CONTACT: Judy Hominy, President SALES OFFICES: Cleveland, OH; Cincinnati, OH; Camarillo, CA SPECIALIZATION: Pat Henry Perceptions adds a powerful new ingredient to your in-store demonstration program. By combining traditional in-store demonstrations with our innovative on-site customer views, we provide you with highly reliable and actionable consumer information ... at a very reasonable cost. ADDITIONAL SERVICES: Full service merchandising and marketing research capabilities. COMPANY STATEMENT: For more than 30 years, Pat Henry Perceptions has worked with many of the nation's leading companies. We proudly stand behind the following Mission statement: "Providing unsurpassed professionalism, innovation, and integrity in the research and promotion of a client's product or service with the "Can Do" attitude to meet every customer's needs."

Simple Signman, Inc. 8475 Western Way Jacksonville, FL 32256 PHONE: (800) 874-1732 FAX: (904) 363-0300

\* Question: Do You Want to Increase Sales 5%, 10%, 20% or More?

\* Answer: Decorations

Point of Purchase Hardware

Corrugated Display Wrap For your free 92 page Catalog & Decorating Guide

Call (800) 874-1732

WMG (Windsor Marketing Group) 2 Industrial Road Windsor Locks, CT 06096 PHONE: (800) 243-2747 COMPANY DESCRIPTION: WMG provides expertise on in-store sign communications to over 3,500 clients in the US, with marketing services that meet customers' specific needs. The retail specialists at Windsor Marketing Group have been creating and producing successful in-store communications programs for twenty years. From single store operators, to large supermarket chains and manufacturers, in-store sign programs are produced by a team of marketing, creative and production professionals who specialize in grocery chain in-store communications. Your program is in the hands of people who have trained and advanced through the weekly business cycles and deadlines of many supermarkets. Windsor Marketing Group associates have an in-depth understanding of the planning and preparation involved in designing programs and their enhancements for easy weekly implementation in-store. Our team of consultants, specialists in merchandising, point-of-purchase and in-store sign communications, work with design, pre-press and production experts, to help you create or adjust a program to stimulate sales and improve your profits. Windsor Marketing Representatives are available for consultation on your in-store communications package.

Display Specialties, Inc. 9 Beacon Drive Wilder, KY 41076 PHONE: (800) 545-9362, (606) 781-7711 FAX: (606) 572-4219 CONTACT: Sheila Asalon, Sales Manager SPECIALIZATION: Complete Merchandising Programs: Fixtures, Signage, Displayware COMPANY STATEMENT: Display Specialties provides in-store merchandising and display products.

a division of ADVO, Inc.

Marketing Force, Inc. 1757 Northfield Drive Rochester Hills, MI 48309 PHONE: (810) 853-6200 FAX: (810) 299-8476 CONTACT: Bob Brouillette COMPANY DESCRIPTION: Marketing Force has been a leader in customized in-store marketing services for 14 years, providing merchandising, promotion and sampling solutions to a growing list of manufacturers and retailers. Marketing Force is owned by ADVO, Inc., the nation's leading direct mail targeter for grocery circulars and promotional events. SPECIALIZATION: Marketing Force utilizes 2,600 directly-employed merchandisers and a field management team of over 150 associates to provide local, as well as national coordination for its clients' merchandising, demo/sampling, and promotional needs. The strength of this organization is in its ability to customize and localize the programs and

provide superior service and execution for retailers and manufacturers. In addition, by combining the services of ADVO, Inc., Marketing Force has created a new array of integrated in-home/in-store services.

PIA Merchandising Co., Inc. P.O. Box 19777 Irvine, CA 92713 PHONE: (714) 476-2200 FAX: (714) 476-8403 CONTACT: Kim Vazira SALES OFFICES: 28 Division Offices SPECIALIZATION: Comprehensive services including Sales Coverage, Headquarter Representation, Schematic Development and Implementation, Retail Merchandising, Sales/Consumer Promotions and Telemarketing.

#### A DIVISION OF ACTMEDIA

Powerforce Division of ACTMEDIA 303 East Ohio Street Chicago, IL 60611 PHONE: (800) 327-7158 FAX: (312) 670-3529 CONTACT: Robin Rhoades, Sales Development COMPANY DESCRIPTION: Nationwide. Customized Sales Merchandising and Basic Merchandising programs across all retail channels. We can sell, merchandise, and provide real time account specific data on your brand's retail status. Turnkey programs that are objective based, performance measurable and cost effective. Unique in our industry with an electronically linked network of 40 Market Offices which provide local control under national direction, Powerforce has over 5,000 professional merchandisers on our Power Flexsm team ready to handle special projects or on-going instore programs: complete shelf management, new product sell-in, display installation, resets, retail feedback and mystery shopping. Long-term, dedicated sales merchandising dedicated to your company. Services include recruiting, field management, merchandiser training, payroll, and call reporting. SPECIALIZATION: Customized programs that are integrated with your sales efforts and provide outstanding results. CLIENTS: Over 75 repeat clients from the leading companies in consumer products. COMPANY STATEMENT: Powerforce is dedicated to providing solutions that are both effective and efficient. "We make instore marketing work."

Premium Retail Services, Inc. Formerly NBSN/Premium Merchandising Services, Inc. 300 Ozark Trail, Suite 205 Ballwin, MO 63011 PHONE: (800) 800-7318 FAX: (314) 391-8685 CONTACT: Brian Travers or David Alonzo SALES OFFICES: \* Headquarters centrally located in Ballwin, MO, a St. Louis suburb \* Morristown, NJ \* Chicago, IL \* Greensboro, NC SERVICES: Premium offers a full menu of merchandising services including the following: \* Execute Re-sets \* Pack-out Product \* Pack-in Product \* Conduct Audits \* Maintain Plan-O-Grams \* Generate Orders \* IRC Placement \* Build Displays COMPANY STATEMENT: For over a decade Premium Retail Services has provided in-store merchandising services in all classes of trade. Having represented some of the largest food, candy and health and beauty manufacturers in the world, we are ready to assist you in accomplishing your merchandising objectives. We will provide premium retail services with three foundational principles: Integrity, Professionalism and Diligence.

SPAR Marketing Services 7825 Washington Avenue South, Suite 700 Bloomington, MN 55439 PHONE: (612) 944-6727 FAX: (612) 944-6291 CONTACT: Jerry Rowe, Vice President, Sales SPECIALIZATION: On-going Coverage, New Item Cut-ins, Category Resets, Display Set-up and Maintenance, New Store Set-ups ADDITIONAL SERVICES: Store Remodels, Product Stickering, POP Placement, In-store Surveys. CLIENTS: Procter & Gamble, Colgate, Pepsi COMPANY STATEMENT: SPAR Marketing is committed to providing hassle-free service that always exceeds our customer's expectations. We offer solutions to unique retail merchandising problems through our network of professional merchandisers. We use our experience and knowledge of the industry to ensure success for our clients.

Warner Books, Inc. 1271 Avenue of the Americas New York, NY 10020 PHONE: (800) 222-6747 FAX: (800) 222-6902 CONTACT: Lisa Vitelli SPECIALIZATION: Warner Books, a high-profile, innovative publisher of books and audio books, specializes in serious non-fiction and best-selling titles. Over 6,000 are available in hard-cover and paperback in a wide range of categories. When current inventory doesn't match your specific needs Warner Books & TW Audio Books will customize books, booklets and tapes. Custom publications are

cost-efficient advertising vehicles or coupon carriers. Warner Books delivers HIGH PERCEIVED VALUE & PERMANENCE to your marketing program.

Time Life Custom Publishing 777 Duke Street Alexandria, VA 22314 PHONE: (800) 323-5255 FAX: (703) 518-4127 CONTACT: Wendy Blythe CLIENTS: Mrs. Fields, Procter & Gamble, Texaco, Shell, Longaberger Co., The Pampered Chef, Avon, Time, Williams-Sonoma, U.S.P.S., Life, AT&T, and more. COMPANY STATEMENT: Our mission is to build successful corporate partnerships by designing custom-published programs that achieve a company's specific marketing goals and objectives. As innovators in this field, we are recognized for creating on-target products and unique client programs that combine sound strategy and the right creative twist. Together we can increase product sales, expand customer base, generate new areas of revenue and strengthen customer loyalty. Call us with your challenge!

Dakota Worldwide Corporation 4801 West 81st Street, Suite 105 Bloomington, MN 55437 PHONE: (800) 475-4505 FAX: (612) 835-4461 CONTACT: Tom Mach COMPANY STATEMENT: Dakota Worldwide Corporation is a market research consulting firm specializing in strategic planning and full service market analysis. We can provide your firm with site analysis, consumer research, customized mapping services, a visual database of your market and gravity modeling. In addition, Dakota Worldwide exclusively offers the 800 Consumer View customer feedback survey for your grocery business.

A.C. Nielsen, a Company of the Dun and Bradstreet Corporation 150 North Martingale Road Schaumburg, IL 60173-2076 PHONE: (708) 605-5120 FAX: (708) 605-2521 CONTACT: Elliot Bloom, Vice President, Public Relations & Advertising COMPANY STATEMENT: A.C. Nielsen is the recognized global leader in providing business information; analysis, and insights to consumer packaged goods (CPG) companies and retailers in 88 countries worldwide. As a strategic partner with the world's top consumer packaged good companies, Nielsen has been the primary supplier of information-based systems and analysis for nearly 70 years. Nielsen supplies a wide range of databases, decision support software, and advanced analytic models to consumer goods manufacturers and retailers. Nielsen's scanning-based databases provide detailed product sales and pricing patterns, from the national level all the way down to individual households. Nielsen's software and analytic tools such as Nielsen WORKSTATION and SPACEMAN(TM) for Windows, help clients develop more effective sales, marketing, promotion and advertising programs. Nielsen's sales and service teams provide consulting and training support to customers. Nielsen created and built the decision support information business overseas, beginning its global drive more than 50 years ago. Nielsen is a company of The Dun and Bradstreet Corporation, the world's largest supplier of business information and related services.

Mainstreet Menu Systems 1375 N. Barker Road Brookfield, WI 53045 PHONE: (414) 782-6000 FAX: (414) 782-6515 CONTACT: Bruce Johnson PRODUCTS: Illuminated and non-illuminated indoor menu systems, illuminated outdoor drive thru menu systems. STRENGTHS: Mainstreet's building block engineering and construction allows for expansion at a moderate cost, in a variety of sizes and shapes. Most components are precision molded of specially formulated plastics to assure precision and long life. A variety of trim styles and colors help coordinate facilities. Color computerized menu layouts are offered free of charge to assist with design.

WMG (Windsor Marketing Group) 2 Industrial Road Windsor Locks, CT 06096 PHONE: (800) 243-2747 COMPANY DESCRIPTION: WMG provides expertise on in-store sign communications to over 3,500 clients in the US, with marketing services that meet customers' specific needs. The retail specialists at Windsor Marketing Group have been creating and producing successful in-store communications programs for twenty years. From single store operators, to large supermarket chains and manufacturers, in-store sign programs are produced by a team of marketing, creative and production professionals who specialize in grocery chain in-store communications. Your program is in the hands of people who have trained and advanced through the weekly business

cycles and deadlines of many supermarkets. Windsor Marketing Group associates have an in-depth understanding of the planning and preparation involved in designing programs and their enhancements for easy weekly implementation in-store. Our team of consultants, specialists in merchandising, point-of-purchase and in-store sign communications, work with design, pre-press and production experts, to help you create or adjust a program to stimulate sales and improve your profits. Windsor Marketing Representatives are available for consultation on your in-store communications package.

Little & King Company, Inc. 140 Broadway Amityville, NY 11701 PHONE: (516) 598-9205 FAX: (516) 598-1159 SPECIALIZATION: Hands-On approach to strategic promotion development and implementation, including sweepstakes, contests and games, incentive programs, fulfillment, corporate tie-ins, for consumers and trade. ADDITIONAL SERVICES: Interactive Promotions, including E-Mail and #800 & 900 Promotions. CLIENTS: Procter & Gamble, Warner Lambert Company, Hershey Chocolate, USA, Radio Shack, Kids "R" Us, Div., Toys "R" Us, Bristol-Myer Squibb Company, Frito Lay, Whitehall Laboratories, and RJR Nabisco

SCA Promotions, Inc. 8300 Douglas Avenue, Suite 625 Dallas, TX 75255 PHONE: (800) 527-5409 FAX: (214) 691-3071 CONTACT: Susan Singer SPECIALIZATION: Prize coverage for contests, games and sweepstakes COMPANY STATEMENT: Since 1986, SCA Promotions has earned the reputation of being the promotion resource for companies, organizations, and agencies across the country. SCA'S expertise lies in strategic planning of contests and sweepstakes with a direct emphasis on guaranteed prize insurance and over-redemption coverage. Companies use our prize guarantee contracts to both expand and define the limits of their promotion budget; in a sense, budgeting the unbudgetable.

Ventura Associates, Inc. 1211 Avenue of the Americas New York, NY 10036 PHONE: (212) 302-8277 FAX: (212) 302-2587 CONTACT: Maria Altberg, Senior VP, Marketing YEAR FOUNDED: 1971 COMPANY DESCRIPTION: Full service promotion agency with particular expertise in game promotions. SERVICES: Creation and administration of sweepstakes, games and contests. Also provides fulfillment, database management, tie-ins, co-ops, minority marketing, event management, licensing, and direct marketing services.

\* ARCHITECTS & ENGINEERS

The Facility Group Inc. 2233 Lake Park Drive Smyrna, GA 30080 PHONE: (800) 525-2463 FAX: (770) 437-7554 CONTACT: Kurt Wilson SALES OFFICES: San Francisco, Boston, Chicago, Philadelphia, St. Louis, Orlando SPECIALIZATION: The Facility Group is a multi-service engineering and construction management firm which specializes in the planning, design and construction of new and renovated dry and refrigerated warehouses, distribution centers and food process plant. The renovation, expansion and new construction of food distribution facilities and refrigerated warehouses is our primary business. ADDITIONAL SERVICES: Professional in-house services include facility planning, logistical analysis, economic analysis and feasibility studies, materials handling, refrigeration engineering and insulation technology, master planning, site/civil engineering, landscape architecture, electrical, structural, mechanical and process engineering, program management, planning/estimating and construction management. CLIENTS: Hughes Markets, Jewel Food Stores, Lucky Stores, Big Y, Ingles, Brookshire Grocery, McLane Company, Minyard Food Stores, and Dot Foods. COMPANY STATEMENT: At The Facility Group, we integrate planning, design, and construction services that exceed clients' expectations. As a dedicated, focused team of professionals, our mission is to provide innovative, yet practical solutions for our clients' needs. You have our guarantee that your facility will become what it was designed to be. The Facility Group ... Planning, Design, Construction ... Solutions Through Integrated Excellence.

Roth & Associates, P.C. 554 East Maple Road, Suite 200 Troy, MI 48083 PHONE: (810) 583-1227 FAX: (810) 583-1116 CONTACT: Robert M. Roth, Jr. SPECIALIZATION: Architects/Engineers Specializing in the Planning, Design and



Construction of Freezers, Coolers and Grocery Warehouse Facilities and Retail Centers. ADDITIONAL SERVICES:

- \* Feasibility Design
- \* Master Planning
- \* Construction Service
- \* CONSULTANTS

Dakota Worldwide Corporation 4801 West 81st Street, Suite 105  
Bloomington, MN 55437 PHONE: (800) 475-4505 FAX: (612) 835-4461 CONTACT: Tom Mach  
COMPANY STATEMENT: Dakota Worldwide Corporation is a market research consulting firm specializing in strategic planning and full service market analysis. We can provide your firm with site analysis, consumer research, customized mapping services, a visual database of your market and gravity modeling. In addition, Dakota Worldwide exclusively offers the 800 Consumer View(SM) customer feedback survey for your grocery business.

The Facility Group Inc. 2233 Lake Park Drive Smyrna, GA 30080 PHONE: (800) 525-2463 FAX: (770) 437-7554 CONTACT: Kurt Wilson  
SALES OFFICES: San Francisco, Boston, Chicago, Philadelphia, St. Louis, Orlando  
SPECIALIZATION: The Facility Group is a multi-service engineering and construction management firm which specializes in the planning, design and construction of new and renovated dry and refrigerated warehouses, distribution centers and food process plant. The renovation, expansion and new construction of food distribution facilities and refrigerated warehouses is our primary business.  
ADDITIONAL SERVICES: Professional in-house services include facility planning, logistical analysis, economic analysis and feasibility studies, materials handling, refrigeration engineering and insulation technology, master planning, site/civil engineering, landscape architecture, electrical, structural, mechanical and process engineering, program management, planning/estimating and construction management.  
CLIENTS: Hughes Markets, Jewel Food Stores, Lucky Stores, Big Y, Ingles, Brookshire Grocery, McLane Company, Minyard Food Stores, and Dot Foods.  
COMPANY STATEMENT: At The Facility Group, we integrate planning, design, and construction services that exceed clients' expectations. As a dedicated, focused team of professionals, our mission is to provide innovative, yet practical solutions for our clients' needs. You have our guarantee that your facility will become what it was designed to be. The Facility Group...Planning, Design, Construction...Solutions Through Integrated Excellence.

Information Resources, Inc. 150 North Clinton Street Chicago, IL 60661  
PHONE: (312) 726-1221 FAX: (312) 627-4698

- \* Category Management Plans
- \* Category Reviews
- \* Planogram Presentations
- \* New Product Introductions
- \* Sales Brochures
- \* Sales Opportunity Reports
- \* Training Programs Consulting Services at IRI: call: Susan Ohlmann (312) 627-4634 Craig Silverman (312) 627-4839

Roth & Associates, P.C. 554 East Maple Road, Suite 200 Troy, MI 48083  
PHONE: (810) 583-1227 FAX: (810) 583-1116 CONTACT: Robert M. Roth, Jr.  
SPECIALIZATION: Architects/Engineers Specializing in the Planning, Design and Construction of Freezers, Coolers and Grocery Warehouse Facilities and Retail Centers. ADDITIONAL SERVICES:

- \* Feasibility Design
- \* Master Planning
- \* Construction Service
- \* DECOR

Jarob Design, Inc. 2601 Elmridge N.W. Grand Rapids, MI 49544-1375 PHONE: (800) 843-2508 FAX: (616) 453-6362 CONTACT: Ronald L. Wilson  
PRODUCTS: Decor, signage and graphics. STRENGTHS: Jarob Design, Inc. provides complete design and fabrication services to retail organizations throughout the United States. Jarob combines custom retail interior design with custom fabrication, to

ensure consistency in quality, color and style of signage, graphics and your retail environment. Our goal at Jarob is to supply our client with a budget minded, totally unified, interior design that helps market your products.

Off the Wall Co., Inc. 4814 Old Bethlehem Pike Telford, PA 18969 PHONE: (215) 453-9400 FAX: (215) 453-9248 CONTACTS: Roger Kadis, Barbra Barker-Brown  
COMPANY DESCRIPTION: Off the Wall is a retail interior design and manufacturing firm with a proven track record in the supermarket industry. We are unique in that we design for some clients, manufacture for others and do both for yet others. We create exciting layouts, beautiful color schemes, custom graphics, functional cabinetry and product enhancing lighting. Consequently our stores are pleasing places to shop. Our clients' efforts are rewarded with higher sales per square foot and a growing base of satisfied customers. DESIGN SPECIALIZATION: As designs become finalized, they are transformed into colored renderings. Our architectural job sets are executed on AutoCAD, our graphics and signing on Corel Draw. Layouts, floor finish plans, wall elevations, detail sections, reflected ceiling plans and lighting plans are created with proficiency and can easily be integrated into bid sets. MANUFACTURING CAPABILITIES: We offer high quality silk screening, metal work and wood working including signs, banners, awnings, checkout lights and cabinetry. Our recently expanded manufacturing facility allows us to produce decor in an extremely efficient operation. This results in the best pricing within the industry.

Programmed Products Corporation 9800 Ann Arbor Road Plymouth, MI 48170 PHONE: (313) 453-1184 FAX: (313) 453-3604 CONTACT: Marc Brenner COMPANY DESCRIPTION: Retail chain store interior design and decor manufacturing firm specializing in the supermarket and drug industry. Concept design, design development, manufacturing and installation management are the makeup of this international and award winning firm. Serving the nation's leading retail chains, we remain in the forefront for handling comprehensive fabrication and multiple roll-out business.

\* DESIGNERS

Arnold Ward Studios, Inc. 316 Fulton Avenue Hempstead, NY 11550 PHONE: (800) AW-PLANS, (516) 292-9100 FAX: (516) 292-9190 CONTACT: Gary Lind COMPANY STATEMENT: We are one of the foremost store planning, design and decor companies for the retail food industry, servicing both small independents as well as nationwide chains. Our 49 years of experience results in creative store planning with innovative designs, all within your budget. Our services include total design, computerized drawings, store planning, custom decor and millwork fabrication, installation and complete architectural services. We are equipped to handle everything from minor remodeling jobs to major renovations. Ask us to show you our many award winning designs!

CIP International, Inc. 9575 Lesaint Drive Fairfield, OH 45014 PHONE: (513) 874-9925 FAX: (513) 874-6246 CONTACT: Vaughn Smalley COMPANY STATEMENT: CIP International is an international firm specializing in the design, manufacturing, delivery and installation of custom-designed interiors for supermarkets. CIP also has a complete line of stock decor items. CIP works with many major US retailers, and in recent years has expanded rapidly in Latin America and Middle East. Call toll-free (800) 899-9575.

The Facility Group Inc. 2233 Lake Park Drive Smyrna, GA 30080 PHONE: (800) 525-2463 FAX: (770) 437-7554 CONTACT: Kurt Wilson SALES OFFICES: San Francisco, Boston, Chicago, Philadelphia, St. Louis, Orlando SPECIALIZATION: The Facility Group is a multi-service engineering and construction management firm which specializes in the planning, design and construction of new and renovated dry and refrigerated warehouses, distribution centers and food process plant. The renovation, expansion and new construction of food distribution facilities and refrigerated warehouses is our primary business. ADDITIONAL SERVICES: Professional in-house services include facility planning, logistical analysis, economic analysis and feasibility studies, materials handling, refrigeration engineering and insulation technology, master planning, site/civil engineering, landscape architecture, electrical,

structural, mechanical and process engineering, program management, planning/estimating and construction management. CLIENTS: Hughes Markets, Jewel Food Stores, Lucky Stores, Big Y, Ingles, Brookshire Grocery, McLane Company, Minyard Food Stores, and Dot Foods. COMPANY STATEMENT: At The Facility Group, we integrate planning, design, and construction services that exceed clients' expectations. As a dedicated, focused team of professionals, our mission is to provide innovative, yet practical solutions for our clients' needs. You have our guarantee that your facility will become what it was designed to be. The Facility Group...Planning, Design, Construction...Solutions Through Integrated Excellence.

Roth & Associates, P.C. 554 East Maple Road, Suite 200 Troy, MI 48083  
PHONE: (810) 583-1227 FAX: (810) 583-1116 CONTACT: Robert M. Roth, Jr.  
SPECIALIZATION: Architects/Engineers Specializing in the Planning, Design and Construction of Freezers, Coolers and Grocery Warehouse Facilities and Retail Centers. ADDITIONAL SERVICES:

- \* Feasibility Design
- \* Master Planning
- \* Construction Service
- \* DISTRIBUTION SERVICES/SUPPLIES

Unisource Grocery Supply Systems 1001 South Trooper Road Norristown, PA 19403 PHONE: (800) 220-6019 FAX: (610) 630-2700 CONTACT: Dick Pokorski COMPANY STATEMENT: Unisource G.S.S. is the industry's fastest growing provider of distribution outsourcing solutions for the grocery supply segment. Unisource will provide a single source for your packaging, sanitary maintenance, utility supply, fine papers and forms, as well as administrative supply needs. Our corporate commitment is to significantly reduce your total supply spending through our outsourcing program. With a national network of distribution facilities we guarantee complete, on-time service from a menu of delivery options designed to meet your needs. ADDITIONAL SERVICES: In addition to Unisource's cost savings and asset re-deployment opportunities our Category Management program can show you how to bring supply management to your bottom line. Unique in the industry, we will provide custom supply information systems, in-store management programs, supply product optimization, and consumer promotion opportunities. CLIENTS: Unisource Grocery Supply Systems currently works with some of the largest retailers in the country. For more information and a no cost outsourcing analysis please contact us directly at this business listing number.

\* FACILITY PLANNING

The Facility Group Inc. 2233 Lake Park Drive Smyrna, GA 30080 PHONE: (800) 525-2463 FAX: (770) 437-7554 CONTACT: Kurt Wilson SALES OFFICES: San Francisco, Boston, Chicago, Philadelphia, St. Louis, Orlando SPECIALIZATION: The Facility Group is a multi-service engineering and construction management firm which specializes in the planning, design and construction of new and renovated dry and refrigerated warehouses, distribution centers and food process plant. The renovation, expansion and new construction of food distribution facilities and refrigerated warehouses is our primary business. ADDITIONAL SERVICES: Professional in-house services include facility planning, logistical analysis, economic analysis and feasibility studies, materials handling, refrigeration engineering and insulation technology, master planning, site/civil engineering, landscape architecture, electrical, structural, mechanical and process engineering, program management, planning/estimating and construction management. CLIENTS: Hughes Markets, Jewel Food Stores, Lucky Stores, Big Y, Ingles, Brookshire Grocery, McLane Company, Minyard Food Stores, and Dot Foods. COMPANY STATEMENT: At The Facility Group, we integrate planning, design, and construction services that exceed clients' expectations. As a dedicated, focused team of professionals, our mission is to provide innovative, yet practical solutions for our clients' needs. You have our guarantee that your facility will become what it was designed to be. The Facility Group...Planning, Design, Construction...Solutions Through Integrated Excellence.

Roth & Associates, P.C. 554 East Maple Road, Suite 200 Troy, MI 48083  
PHONE: (810) 583-1227 FAX: (810) 583-1116 CONTACT: Robert M. Roth, Jr.  
SPECIALIZATION: Architects/Engineers Specializing in the Planning, Design and Construction of Freezers, Coolers and Grocery Warehouse Facilities and Retail Centers. ADDITIONAL SERVICES:

- \* Feasibility Design
- \* Master Planning
- \* Construction Service
- \* FINANCIAL SERVICES: CONSUMER

National Commerce Bank Services, Inc. One Commerce Square, Suite 850 Memphis, TN 38150 PHONE: (800) 264-2609 FAX: (901) 523-3627 CONTACT: Doug Ferris, President COMPANY STATEMENT: National Commerce Bank Services is a retail banking consultant specializing in the alternative delivery channel of supermarket banking programs. Services include: analysis and selection of bank partners; design and installation of branches; hiring and staffing guidelines; supermarket-specific retail sales training; on-going support and program evaluations; goal setting and performance measurement; merchandising and promotional assistance.

\* FOOD BROKERS

Golick Martins, Inc. 140 Sylvan Avenue Englewood Cliffs, NJ 07632 PHONE: (201) 592-8800 FAX: (201) 592-9196 CONTACT: Manny Martins SALES OFFICES: Branch Office: 995 Old Eagle School Road, Wayne, PA 19087 PHONE: (610) 971-9580 FAX: (610) 971-0491 COMPANY DESCRIPTION: Golick Martins offers complete, professional coverage of all classes of trade in all the dry grocery categories and non-foods in the traditional Metro New York/New Jersey market and the Philadelphia and Central Pennsylvania markets. SPECIALIZATION: Category leaders in Confections, Specialty Foods, Cookies & Snacks. ADDITIONAL SERVICES: Retail coverage of all Grocery, Drug, Specialty and independent retail outlets. COMPANY STATEMENT: Since 1948, we have offered quality, long term commitment and results to our principals and customers. Our professional staff of account executives, marketing department, customer service specialist and complete retail staff "gets the job done" at every level of the distribution network that deliver unlimited sales and distribution results.

\* INSURANCE

Grocers Insurance Group 6605 SE Lake Road/P.O. Box 22146 Portland, OR 97269-2146 PHONE: (800) 777-3602 FAX: (503) 833-1788 CONTACT: Tom Newton SALES OFFICES: Throughout the US. Call for the office in your area. SPECIALIZATION: Grocers Insurance Group is owned by independent grocery retailers. Since 1970, we've made it our business to cover the diverse insurance needs of independent grocers, affordably. Grocers Insurance Group can take care of your total insurance package for business. ADDITIONAL SERVICES: Grocers Insurance Group represents a progressive, growing company dedicated to providing the finest service and products possible, at competitive prices. In addition to insurance protection, Grocers Insurance also provides: claims management services, loss prevention, United Work Place Consultants, governmental lobbying and consulting and discounted safety supplies. CLIENTS: Grocers Insurance personalizes and tailors its programs to meet the specific needs of a grocer's business. COMPANY STATEMENT: The leading provider of quality insurance services to the grocery and related industries. We are the insurance company that understands your business. Call us for the products and services available in your area.

Liberty Mutual Group 175 Berkeley Street Boston, MA 2117-0140 PHONE: (617) 357-9500 FAX: (617) 482-5144 CONTACT: Tina E. Ziegler SALES OFFICES: Liberty Mutual has sales offices located throughout the United States and Canada. SPECIALIZATION: Liberty Mutual understands the grocery business and will work directly with you to design a program specifically for your needs. Your insurance program should protect your employees, stock, refrigeration system, equipment, vehicles, and operations. ADDITIONAL SERVICES: Liberty Mutual provides effective loss prevention, claims and managed care services to help you avoid losses and keep costs in control including special programs for

grocers. CLIENTS: For a list of customers in your area, please call your local Liberty Mutual office. COMPANY STATEMENT: Liberty Mutual is a diversified financial services company and has been the leading provider of workers compensation products and services for more than 60 years. Annually, our revenues exceed \$5.3 billion, and we provide insurance and financial products to businesses throughout the United States and the world.

\* TRUCK LEASING

Rollins Leasing Corporation P.O. Box 1791 Wilmington, DE 19899 PHONE: (302) 426-3851 FAX: (302) 426-3504 CONTACT: Donald K. Metcalf SALES OFFICES: 5 Regional Sales Offices. ADDITIONAL SERVICES:

\* Guaranteed Maintenance - Leasing

\* Commercial Rental

\* Dedicated Contract Carriage COMPANY STATEMENT: We Take Care of the Trucks So You Can Take Care of the Business.

\* VIDEO RENTALS

Video Group Distributors, Inc. 1055 N Hercules Avenue Clearwater, FL 34625 PHONE: (800) 866-7024 FAX: (813) 461-7912 CONTACT: Gene E. Gross SPECIALIZATION: Video Group specializes in offering to you the best in customer assistance along with top quality previously viewed VHS/game products. ADDITIONAL SERVICES: Video Group carries in stock 100,000+ VHS with New Releases up to 19 days old. We also have a full line of games featuring SNES/Sega Genesis as well as computer software to run your video department. COMPANY STATEMENT: Video Group is dedicated to quality and 100% customer satisfaction 100% every day. We are here for you!

Video Home Theater 3301 S.W. McKinley Avenue Des Moines, IA 50321 PHONE: (800) 866-4692 FAX: (515) 287-2747 CONTACT: Gerald H. Parker, National Sales Manager COMPANY DESCRIPTION: Video Home Theater was founded in 1982 and grew from servicing a single supermarket to over 400 supermarkets in 32 states. We supply current new releases in video as well as video games, audio books, video accessories and video sell-through titles. Our outstanding market share is a result of an uncompromising commitment to quality and service, building strong partnerships with the supermarket industry. SPECIALIZATION: By providing complete turnkey video departments designed specifically for the supermarket industry, we bring to our customers an unprecedented level of quality and service through several unique programs. ADDITIONAL SERVICES: Video Home Theater features exclusive space-saving display systems custom designed to meet the customer's specific needs; creative year round promotional calendar, proven to increase video profits; state of the art computer management systems; and professional on-site marketing and training support by the most highly trained video specialists in the industry today.

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A.C. Nielsen, a company of the Dun and Bradstreet Corporation 150 North Martingale Road Schaumburg, IL 60173-2076 Phone: (708) 605-5120 FAX: (708) 605-2521 Research

Accu-Time Systems, Inc. (ATS) 420 Somers Road, Box 630 Ellington, CT 06029 Phone: (203) 870-5000 FAX: (203) 872-1511 Labor Scheduling/Time Management

Advanced Foodsystems, Inc. 7227 N. 16th St., Ste. 118 Phoenix, AZ 85020 Phone: (602) 371-4500 FAX: (602) 371-4511 Distribution Logistics Host-based Management systems Inventory and Pricing Warehousing Management

ALH Group, Incorporated 609 John Street Manhattan Beach, CA 90266 Phone: (310) 376-1016 FAX: (310) 376-5961 Category Management Systems

Applied Communications, Inc. (ACI) 330 South 108th Avenue Omaha, NE 68154-2684 Phone: (402) 390-7600 FAX: (402) 330-1528 Electronic Payment Systems

Arnold Ward Studios, Inc. 316 Fulton Avenue Hempstead, NY 11550 Phone: (800) AW-PLANS

(516) 292-9100 FAX: (516) 292-9190 Designers

B-O-F Corporation 801 N. Commerce Street Aurora, IL 60504 Phone: (708) 585-0020

(800) 323-2517 FAX: (708) 585-0450 Merchandising Equipment

Bakon USA Food Equipment 10117 Sepulveda Blvd., Ste. 205 Mission Hills, CA 91345-2613 Phone: (800) TRY BAKON

(818) 895-7303 FAX: (818) 892-1095 Bakery Equipment, Fixtures and Supplies

BancTec Payment Systems 888 Executive Center Dr. W., Ste. 200 St. Petersburg, FL 33072 Phone: (813) 579-9910 FAX: (813) 579-7600 Electronic Payment Systems

Best Litter Receptacles P.O. Box 5038 Florence, SC 29502 Phone: (803) 667-8188

(800) 526-1322 FAX: (803) 669-7764 Waste Receptacles

Bollin Label systems 1152 E. Broadway, P.O. Box 50529 Toledo, OH 43605-0529 Phone: (800) 882-5104

(419) 693-6573 FAX: (419) 697-1682 Labels & Labeling Systems

Buckeye International, Inc. 2700 Wagner Place Maryland Heights, MO 63043 Phone: (800) 321-2583 FAX: (314) 298-2850 Flooring/Floor care products

California Quality Plastics 2226 Castle Harbor Pl. S. Ontario, CA 91761 Phone: (800) 523-8674

(909) 930-5535 FAX: (909) 930-5540 Point of Purchase Displays

Campbell Software, Inc. 1603 Orrington Ave., Ste. 700 Evanston, IL 60201 Phone: (708) 328-3200 FAX: (708) 328-3459 Labor Scheduling/Time Management card/form services(TM) P.O. Box 758 Lombard, IL 60148 Phone: (708) 691-0909

(800) 824-1821 FAX: (708) 691-0576 Cards

Cardinal Cartports(TM) Route 148 South P.O. Box 715 Energy, IL 62933 Phone: (800) 981-7788 Carts

Catalyst International, Inc. 8989 N. Deerwood Dr. Milwaukee, WI 58223-2439 Phone: (800) 236-4600 FAX: (414) 377-6263 Warehousing Management

Checkmate Electronics, Inc. 1003 Mansell Road Roswell, GA 30076 Phone:

(770) 594-6000 FAX: (770) 594-6006 Electronic Payment Systems  
Checkpoint Systems, inc. 101 Wolf Drive Thorofare, NJ 08086 Phone: (800) 257-5540 FAX: (609) 848-0937 Security Systems/Safes  
CIP International, Inc. 9575 Lesaint Drive Fairfield, OH 45014 Phone: (513) 874-9925 FAX: (513) 874-6246 Designers  
Concord EFS 2525 Horizon Lake Dr. #120 Memphis, TN 38133 Phone: (800) 238-7675 FAX: (901) 371-8113 Electronic Payment Systems  
Corrigan Corp. of America 1441 Paddock Drive Northbrook, IL 60062 Phone: (800) 462-6478 FAX: (708) 729-0258 Misting Systems  
Crestwood Cutter, Inc. 1050 Spice Islands Drive Sparks, NV 89431 Phone: (800) 782-6858 FAX: (800) 848-5469 Box Cutters  
Dakota worldwide corporation 4801 W. 81st St., Ste. 105 Bloomington, MN 55437 Phone: (800) 475-4505 FAX: (612) 835-4461 Consultants Research  
Display Specialties, Inc. 9 Beacon Drive Wilder, KY 41076 Phone: (800) 545-9362  
(606) 781-7711 FAX: (606) 572-4219 Merchandisers Merchandising Equipment Distribution Architects International, Inc 905 East Westchester Tempe, AZ 85283-2938 Phone: (602) 897-9576 FAX: (602) 831-7659 Distribution Logistics In-Store Management Systems  
DuPont 1007 Market Street Wilmington, DE 19898 Phone: (800) 235-SUVA Refrigeration Equipment & Supplies  
Dynamic Displays 5450 W. Jefferson Avenue Detroit, MI 48209 Phone: (519) 254-9563 FAX: (519) 258-0767 Advertising/Promotional products Events/Grand Openings Inflatables  
E.I.L. instruments, Inc. 10946A Golden West Drive Hunt Valley, MD 21031 Phone: (410) 584-7400 FAX: (410) 584-7561 Environmental/Energy Control Systems  
E3 Associates, Ltd. 1800 Parkway Pl., Ste. 600 Marietta, GA 30067 Phone: (770) 424-0100 FAX: (770) 424-0050 Distribution Logistics In-Store Management Systems  
efficient market services (ems), inc. 106 Wilmot Rd., Suite 300 Deerfield, IL 60015 Phone: (708) 205-7800 FAX: (708) 267-1900 Category Management Systems  
Eliason Corporation P.O. Box 2128 Kalamazoo, MI 49003 Phone: (800) 828-3655 FAX: (800) 828-3577 P.O. Box 1026 Woodland, CA 95776 Phone: (800) 828-2655 Doors  
Entergy Systems and Service, Inc. 4740 Shelby Dr., Suite 105 Memphis, TN 38118 Phone: (800) 477-7274 FAX: (901) 367-2873 Environmental/Energy Control Systems  
Epson America, Inc. OEM Division 20770 Madrona Avenue Torrance, CA 90509 Phone: (310) 787-6300 FAX: (310) 782-5350 E-mail: <http://www.epson.com> Point of Sale Systems/Software  
The Facility Group Inc. 2233 Lake Park Drive Smyrna, GA 30080 Phone: (800) 525-2463 FAX: (770) 437-7554 Architects & Engineers Consultants  
Designers Facility Planning  
Fasteners for Retail, Inc. 225 Alpha Park Cleveland, OH 44143 Phone: (800) 422-2547 FAX: (216) 473-6160 Point of Purchase Displays  
Floritech Industries, Inc. 4003 Eastbourne Drive Syracuse, NY 13206 Phone: (800) 535-3295  
(315) 438-8940 FAX: (315) 438-8943 Floral Fixtures & Supplies  
FMP Equipment Corporation P.O. Box 14069 Greensboro, NC 27415 Phone: (910) 621-2882 FAX: (910) 621-7901 Food Service/Preparation Equipment  
Four D, Inc. P.O. Box 240326 Apple Valley, MN 55124 Phone: (800) 524-7057 FAX: (612) 894-0634 Carts Fixtures - Furnishings  
FourGen Software, Inc. 115 N.E. 100th Street Seattle, WA 98125 Phone: (800) 333-4436  
(206) 522-0055 FAX: (206) 522-0053 Distribution Logistics Inventory & Pricing  
Genesis International Inc. 1040 Fox Chase Ind. Drive Arnold, MO 63010 Phone: (314) 282-0011 FAX: (314) 282-2722 HVAC Refrigeration Equipment & Supplies

GLC, Inc. Linear Lighting Systems 1215 Vista Superba Drive Glendale, CA 91205 Phone: (818) 240-7698 FAX: (818) 547-1369 Lighting

Globe Food Equipment 3506 Encrete Lane Dayton, OH 45439 Phone: (800) 347-5423 FAX: (513) 299-4147 Food Service/Preparation Equipment

Golick Martins, Inc. 140 Sylvan Avenue Englewood Cliffs, NJ 07632 Phone: (201) 592-8800 FAX: (201) 592-9196 Branch Office: 995 Old Eagle School Road Wayne, PA 19087 Phone: (610) 971-9580 FAX: (610) 971-0491 Food Brokers

Grocers Insurance Group 6605 SE Lake Rd./P.O. Box 22146 Portland, OR 97269-2146 Phone: (800) 777-3602 FAX: (503) 833-1788 Insurance

Handle Helper, L.P. 744 Montgomery St., Ste. 200 San Francisco, CA 94111 Phone: (415) 956-2632 FAX: (415) 956-2701 Bags, Bag Closures, Boxes

Henny Penny Corporation P.O. Box 60-1219 US Rte. 35 W. Eaton, OH 45320 Phone: (513) 456-8400 FAX: (513) 456-8402 Food Service/Preparation Equipment

Hickory Industries, Inc. 4900 West Side Avenue North Bergen, NJ 07047 Phone: (800) 732-9153 FAX: (201) 223-0950 Food Service/Preparation Equipment

Hobart Corporation 701 Ridge Avenue Troy, OH 45374 Phone: (513) 332-3000 FAX: (513) 332-2142 Food Service/Preparation Equipment

Hollymatic Corporation 600 E. Plainfield Road Countryside, IL 60525-6914 Phone: (708) 579-3700 FAX: (708) 579-1057 Food Service/Preparation Equipment

Hoshizaki America, Inc. 618 Highway 74 South Peachtree City, GA 30269 Phone: (800) 438-6087 FAX: (800) 345-1325 Ice Makers

Hubert Company 9555 Dry Fork Road Harrison, OH 45030 Phone: (513) 367-8600 FAX: (513) 367-8603 Fixtures - Furnishings

Hughes Network Systems 11717 Exploration Lane Germantown, MD 20876 Phone: (301) 428-5500 FAX: (301) 428-1868 Networking Systems

Information Marketing Businesses, Inc. 18 Hurley Street Cambridge, MA 02141 Phone: (617) 864-1115 FAX: (617) 868-3221 E-mail: info@imb.com Home Page: <http://www.imb.com> Labor Scheduling/Time management

Information Resources, Inc. 150 North Clinton Street Chicago, IL 60661 Phone: (312) 726-1221 FAX: (312) 627-4698 Consultants

Integrated Software 475 Park Avenue South New York, NY 10016-6901 Phone: (212) 545-0110 FAX: (212) 545-0198 Advertising/Promotional Products Category Management Systems

Jarob Design, Inc. 2601 Elmridge N.W. Grand Rapids, MI 49544-1375 Phone: (800) 843-2508 FAX: (616) 453-6362 Decor

JDA Software, Inc. 11811 N. Tatum Blvd., Ste. 2000 Phoenix, AZ 85028 Phone: (602) 404-5500 FAX: (602) 404-5520 Category Management Systems

John Boos & Company 315 South First Street Effingham, IL 62401 Phone: (217) 347-7701 FAX: (217) 347-7705 Fixtures - Furnishings

JTS ChequeOut Solutions 30 Corporate Woods, Ste. 350 Rochester, NY 14623 Phone: (716) 273-6138 FAX: (716) 273-6140 Check Cashing Systems Frequent Buyer/Loyalty Programs

kartContro(TM) P.O. Box 278 Thousand Palms, CA 92276 Phone: (800) 303-KART (5278) FAX: (619) 343-1029 Security Systems/Safes

Kason Market Products 3810 N. Carnation Street Franklin Park, IL 60131 Phone: (800) 733-7973 FAX: (708) 678-5757 Bakery Equipment, Fixtures and Supplies

Koala Corporation 4390 McMenemy Street St. Paul, MN 55127-6004 Phone: (800) 666-0363 FAX: (612) 490-1859 Fixtures - Furnishings

Kronos Incorporated Retail Systems Division 400 Fifth Avenue Waltham, MA 02154 Phone: (800) 225-1561 ext. 759 FAX: (617) 890-8399 Labor Scheduling/Time Management

Kwikiee(R) Shelf Management Operations, a Division of: Multi-Ad Services, Inc. 1720 West Detweiller Drive Peoria, IL 61615-1695 Phone: (800) 447-1950 ext. 360 FAX: (309) 692-5444 Space Management Software

Liberty Mutual Group 175 Berkeley Street Boston, MA 02117-0140 Phone: (617) 357-9500 FAX: (617) 482-5144 Insurance

Little & King Company, Inc. 140 Broadway Amityville, NY 11701 Phone: (516) 598-9205 FAX: (516) 598-1159 Sweepstakes, Games, Contests

Loudon Plastics, Inc. 787 Watervliet-Shaker Rd. Latham, NY 12110-2285



Phone: (800) 833-3800  
 (518) 783-7776 FAX: (518) 783-0004 Pallets  
 Lucas-Bear 7111 Valley Green Road Ft. Washington, PA 19034 Phone: (215) 836-5161 FAX: (215) 836-2305 Category Management Systems  
 Magner Corporation 41 West Street Middlefield, CT 06455-0456 Phone: (800) 243-2624 FAX: (203) 349-1257 Coin/Currency Handling Systems  
 Mainstreet Menu Systems 1375 N. Barker Road Brookfield, WI 53045 Phone: (414) 782-6000 FAX: (414) 782-6515 Signs: Electronic  
 Management Robotics, Inc. 2990 Wilderness Pl., Ste. 200 Boulder, CO 80301 Phone: (303) 440-4191 FAX: (303) 440-0757 In-store Management Systems Labor Scheduling/Time Management  
 Marketing Force, Inc. 1757 Northfield Drive Rochester Hills, MI 48309 Phone: (810) 853-6200 FAX: (810) 299-8476 Merchandisers  
 Melrose Displays, Inc. 2 Brighton Avenue Passaic, NJ 07055 Phone: (201) 471-7700 FAX: (201) 471-6885 Merchandising Equipment  
 MGTV America, Inc. 900 Ridgefield Dr., Ste. 130 Raleigh, NC 27609 Phone: (800) 849-6482 FAX: (919) 790-8214 Point of Sale Systems/Software  
 Mibar Software Inc. 4950 Yonge St., Suite 512 Toronto, ON M2N 6K1 Canada Phone: (800) 387-9766 FAX: (416) 730-8060 Host-Based Management Systems  
 In-Store Management Systems  
 Multi-Ad Services, Inc. 1720 West Detweiller Drive Peoria, IL 61615-1695 Phone: (800) 447-1950 ext. 372 FAX: (309) 693-1648 Advertising/Promotional Products  
 National Association of Demonstration Companies P.O. Box 511 Farmington, CT 06034 Phone: (800) 338-NADC FAX: (203) 677-5365 In-Store Marketing  
 National Commerce Bank Services, Inc. 1 Commerce Square, Ste. 850 Memphis, TN 38150 Phone: (800) 264-2609 FAX: (901) 523-3627 Financial Services: Consumer (ATMs Banks)  
 National Embossing Company (NEC) 4001 Greenbriar Stafford, TX 77477 Phone: (713) 274-6523 FAX: (713) 240-2485 Frequent Buyer/Loyalty Programs  
 Newood Display Fixture Mfg. Co. P.O. Box 21808 Eugene, OR 97402 Phone: (800) 233-9663 FAX: (541) 688-5868 Fixtures - Furnishings  
 Novem Trading International B.V. 9 Allaura Boulevard #4 Aurora, ON L4G 3N2 Phone: (800) 463-6611 FAX: (905) 727-6744 Bags, Bag Closures, Boxes  
 Off the Wall Co., Inc. 4814 Old Bethlehem Pike Telford, PA 18969 Phone: (215) 453-9400 FAX: (215) 453-9248 Decor  
 OMI International, Inc. 1501 Woodfield Road Suite 100 West Schaumburg, IL 60173 Phone: (708) 517-1116 FAX: (708) 517-1138 1600 Promenade Center, 12th Floor Richardson, TX 75080 Phone: (214) 231-0484 Distribution Logistics  
 Host-Based Management Systems  
 Pacific Handy Cutter, Inc. P.O. Box 10869 Costa Mesa, CA 92627 Phone: (800) 229-2233 FAX: (714) 966-9310 Box Cutters  
 Pallet Display Systems 214 W. Erie Street Chicago, IL 60610 Phone: (312) 943-5959 FAX: (312) 943-0881 Point of Purchase Displays  
 Pat Henry Perceptions, Inc. 230 Huron Rd. NW #100.45 Cleveland, OH 44113 Phone: (216) 621-3831 FAX: (216) 621-8455 In-Store Marketing  
 PayPoint Electric Payment Systems, Inc. 221 S. Figueroa St., 5th Fl. Los Angeles, CA 90012-2552 Phone: (213) 486-0707 FAX: (213) 486-3840 Electronic Payment Systems  
 The Peggs Company, Inc. P.O. Box 907 Mira Loma, CA 91752 Phone: (800) 242-8416 FAX: (909) 360-9186 Carts Merchandising Equipment  
 Perstorp Xytec, Inc. 9350 47th Avenue SW Tacoma, WA 98499 Phone: (800) 423-3221 FAX: (206) 588-5539 Material Handling  
 PIA Merchandising Co., Inc. P.O. Box 19777 Irvine, CA 92713 Phone: (714) 476-2200 FAX: (714) 476-8403 Merchandisers  
 Pioneer Standard 4800 E. 131st Street Cleveland, OH 44105 Phone: (800) 227-1693 Networking Systems Point of Sale Systems/Software Warehousing Management  
 Powerforce Division of ACTMEDIA 303 East Ohio Street Chicago, IL 60611 Phone: (800) 327-7158 FAX: (312) 670-3529 Merchandisers

Premium Retail Services, Inc., formerly - NBSN/Premium Merchandising Services, Inc. 300 Ozark Trail, Suite 205 Ballwin, MO 63011 Phone: (800) 800-7318 FAX: (314) 391-8685 Merchandisers

Programmed Products Corporation 9800 Ann Arbor Road Plymouth, MI 48170 Phone: (313) 453-1184 FAX: (313) 453-3604 Decor

Realistic Imaging LTD. 5290 N. Casa Grande Hwy., Ste. 117 Tucson, AZ 85743 Phone: (800) 845-0141 FAX: (602) 887-2629 Point of Purchase Displays

RefrigiWear, Inc. P.O. Box 39, Breakstone Dr. Dahlonaga, GA 30533 Phone: (706) 864-5757 FAX: (706) 864-5898 Insulated/Protective Clothing

Robbie Manufacturing, Inc. 10810 Mid America Ave. Lenexa, KS 66219 Phone: (800) 255-6328 FAX: (913) 492-1543 Shrink/Stretch wrapping

Rollins Leasing Corporation P.O. Box 1791 Wilmington, DE 19899 Phone: (302) 426-3851 FAX: (302) 426-3504 Truck Leasing

RoPak Corporation 660 S. State College Blvd. Fullerton, CA 92631 Phone: (714) 870-9757 FAX: (714) 447-3871 Containers: Reusable

Roth & Associates, P.C. 554 East Maple Rd., Ste. 200 Troy, MI 48083 Phone: (810) 583-1227 FAX: (810) 583-1116 Architects & Engineers Consultants

Designers Facility Planning

S2 Systems, Inc. 15301 Dallas Parkway Dallas, TX 75248-4683 Phone: (214) 458-3800 FAX: (214) 458-3876 Database Marketing Electric Payment Systems

Frequent Buyer/Loyalty Programs

SCA Promotions, Inc. 8300 Douglas Ave., Ste 625 Dallas, TX 75255 Phone: (800) 527-5409 FAX: (214) 691-3071 Sweepstakes, Games, Contests

Semco, A Leggett & Platt Company 1904 NE 6th Avenue Ocala, FL 34470 Phone: (800) 635-7321 FAX: (904) 351-3088 Point of Purchase Displays

Sensormatic Electronics Corporation 500 NW 12th Avenue Deerfield Beach, FL 33442 Phone: (800) 368-7262 Security Systems/Safes

Simple Signman, Inc. 8475 Western Way Jacksonville, FL 32256 Phone: (800) 874-1732 FAX: (904) 363-0300 In-Store Marketing

SPAR Marketing Services 7825 Washington Ave. S., Ste. 700 Bloomington, MN 55439 Phone: (612) 944-6727 FAX: (612) 944-6291 Merchandisers

SPS Payment Systems, Inc. 2500 Lake Cook Road Riverwoods, IL 60015 Phone: (708) 405-3600 FAX: (708) 405-4856 Database Marketing Electronic Payment Systems

Frequent Buyer/Loyalty Programs

Supercart International, Inc. is an Associated Company of ingenious Retailing Corp. 280 N. Woodward Ave. Birmingham, MI 48008 Phone: (800) 833-2278 FAX: (905) 624-3784 Carts

Superior Electric 383 Middle Street Bristol, CT 06010 Phone: (860) 585-4500 FAX: (860) 582-3784 Lighting Point of Sale Systems/Software

Systech Retail Systems 2044 North Highway 360 Grand Prairie, TX 75050 Phone: (214) 606-0307 FAX: (214) 660-1682 Point of Sale Systems/Software

Tecumseh/Bitzer L.P. 1120 Tecumseh-Clinton Road Clinton, MI 49236 Phone: (517) 423-8744 FAX: (517) 423-0233 Refrigeration Equipment & Supplies

Telecheck Services, Inc. 5251 Westheimer Houston, TX 77056 Phone: (800) 884-3700 FAX: (713) 599-7854 Check Cashing Systems

Telxon Retail Technology Group 3330 West Market Street Akron, OH 44333 Phone: (216) 867-3700 FAX: (216) 873-2022 Hand-Held Terminals

Therm-L-Tec Systems, Inc. 119 Osage Avenue Kansas City, KS 66105 Phone: (800) 654-9055 FAX: (913) 342-6545 Doors

TIME-LIFE Custom Publishing 777 Duke Street Alexandria, VA 22314 Phone: (800) 323-5255 FAX: (703) 518-4127 Private Label Custom Publishing

Total Control Information (TCI) 5 Park Plaza, Suite 300 Irvine, CA 92714 Phone: (714) 476-1122 FAX: (714) 476-1133 Inventory & Pricing Labor

Scheduling/Time Management

Try-Foods international, Inc. P.O. Drawer 2248 Apopka, FL 32704-2248 Phone: (800) 421-8871 FAX: (407) 884-0809 Advertising/Promotional Products

Ubert by Toastmaster 1400 Toastmaster Drive Elgin, IL 60120 Phone: (800) 323-2210 FAX: (800) 635-4725 Food Service/Preparation Equipment

Unisource Grocery Supply Systems 1001 South Trooper Road Norristown, PA 19403 Phone: (800) 220-6019 FAX: (610) 630-2700 Distribution Services/Supplies

Vanguard ID Systems 438 Creamery Way, Ste. D Exton, PA 19341 Phone: (610) 524-7433 FAX: (610) 524-7917 Cards

Vege Mist, Inc. 20695 South Western Ave. Torrance, CA 90501 USA Phone: (800) 228-2346

(310) 212-0560 FAX: (310) 212-0565 Misting Systems

Ventura Associates, Inc. 1211 Ave. of the Americas New York, NY 10036 Phone: (212) 302-8277 FAX: (212) 302-2587 Sweepstakes, Games, Contests

Video Group Distributors, Inc. 1055 N Hercules Ave. Clearwater, FL 34625 Phone: (800) 866-7024 FAX: (813) 461-7912 Video Rentals

Video Home Theater 3301 S.W. McKinley Avenue Des Moines, IA 50321 Phone: (800) 866-4692 FAX: (515) 287-2747 Video Rentals

Virginia Software, Inc. 13100 Worldgate Dr., Ste. 245 Herndon, VA 22070 Phone: (703) 742-7747 FAX: (703) 742-7750 Space Management Software

Warner Books, Inc. 1271 Ave. of the Americas New York, NY 10020 Phone: (800) 222-6747 FAX: (800) 222-6902 Premium Programs

The Wasserstrom Company 477 South Front Street Columbus, OH 43215 Phone: (800) 333-9963 FAX: (614) 228-8776 Food Service/Preparation Equipment

Westrex International 25 Denby Road Boston, MA 02134 Phone: (617) 254-1200 FAX: (617) 254-6848 Point of Sale Systems/Software

WMG (Windsor Marketing Group) 2 Industrial Road Windsor Locks, CT 06096 Phone: (800) 243-2747 In-Store Marketing Signs: Graphic

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